MEDICARE HOSPITAL MORTALITY INFORMATION

1987 • 1988 • 1989

Volume 12

Minnesota
Wisconsin

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MEDICARE HOSPITAL MORTALITY INFORMATION

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Volume 12

MINNESOTA
WISCONSIN

Region V

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The Health Care Financing Administration (HCFA) was established in March 1977 to combine health financing and quality assurance programs into a single agency. HCFA is responsible for the Medicare program, Federal participation in the Medicaid program, the Peer Review Organization program, and a variety of other health care quality assurance programs.

The mission of the Health Care Financing Administration is to ensure the effective administration of our programs in order to promote the timely delivery of appropriate, quality health care to over 59 million of the nation's aged, disabled and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible and of high quality, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

FOREWORD

The nation's Medicare program, which is administered through the Health Care Financing Administration (HCFA) in the Department of Health and Human Services, has more than 33 million beneficiaries. One of HCFA's primary responsibilities is to ensure that Medicare beneficiaries receive quality health care. This fourth annual release of Medicare hospital mortality information is a key element in our efforts to improve the effectiveness of medical practice and the quality of care provided to Medicare beneficiaries.

This publication presents information to answer the question "What is the actual mortality rate within a certain period of time for each hospital compared to what rate would have been predicted, given what we know about the characteristics of the patients admitted?" We expect this information to be used by hospital administrators, physicians, peer review organizations, Medicare beneficiaries, State survey and certification agencies and researchers. The information in this release is not intended as a direct measure of quality of care. It is best used as a "screening tool"--that is, to identify potential problems for further review and, in consultation with medical staff, to evaluate a hospital's strengths and weaknesses. Thus, we believe that consumers can use this information to ask questions of their physicians, rather than reach judgments about the quality of care in a particular hospital.

The basic approach to analyzing hospital mortality information has remained unchanged for the past four years; however, since the last publication of mortality information in December 1989, we have made some significant changes both in our methodology and in the way we display the results of our analysis. This publication presents information for 30, 90, and 180 days post admission, as opposed to the single point of 30 days post admission used in all the previous publications. Also, we present values for an observed mortality rate, a predicted mortality rate and a standard deviation.

These refinements should make this information an even more valuable educational tool to help improve the quality of care in hospitals. The changes were reviewed and approved by a panel of outside experts. The methodology used in arriving at the observed mortality rate, the predicted mortality rate and the standard deviation are briefly described in the Technical Appendix at the end of this volume and in more detail in a Technical Information Supplement .

We acknowledge the assistance we have received from the American Hospital Association--not only for providing the information detailing selected hospital characteristics but also for alerting its members to the importance of this information. We are also grateful to the personnel in each hospital who took the time to thoroughly review the data and to provide us with comments and suggestions. As before, we have published the comments we received from individual hospitals, associating them with the summary data for the appropriate institution. Over the years, these communications have proved very helpful in improving and refining the information included in this publication.

Gail R. Wilensky

Gail R. Wilensky, Ph.D.
Administrator

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TECHNICAL APPENDIX A-1

INTRODUCTION

The mortality rates at a given hospital may reflect, among other factors, the age, sex, diagnoses, and severity of illness of patients admitted to that hospital, as well as the quality of care they received. Factors affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations vary considerably.

Before reading the tables containing the hospital-specific information and the comments provided by individual hospitals, the reader will find it useful to understand the format and presentation of the information. This year's publication presents information for Federal fiscal years (FYs) 1987, 1988 and 1989. (A Federal fiscal year is October 1 through September 30; e.g., FY 1989 covers the period October 1, 1988 through September 30, 1989.) The information for 1987 and 1988 will be different from that published previously both because it is based on a fiscal, not calendar, year, and because the methodology for this year's analysis uses a random hospital stay rather than the last stay in the year as did previous analyses.

Description of Mortality Information

These latest analyses of the mortality rates associated with Medicare hospitalizations are similar to those carried out in the three prior years. Only one hospitalization for every patient was used. However, in this year's analysis, when a patient had multiple hospitalizations during the fiscal year, one stay to be analyzed was selected at random. We believe that the use of the randomly selected admission provides a better representation of a typical hospital admission and permits us to calculate mortality rates more nearly like those the hospital itself would calculate for its patients. The event evaluated was death at any time within 180 days of admission to the hospital. With this approach, information about the early and later results of the hospitalization are provided. This is important because diseases evolve with different time courses, and treatments may have different short- and long-term impacts. The choice of 180 days allows substantial followup consistent with timely reporting of HCFA data. Additionally, the decision to report the longer followup data necessitated the change from calendar to fiscal year analysis, since it provides at least 182 days followup while allowing us to report on quite recent hospitalizations. Another benefit of using a fiscal rather than a calendar year for analysis is that our files are maintained on a fiscal year basis and new Medicare rules are often instituted on a fiscal year basis.

For each hospital, information is presented for overall Medicare patient mortality and for each of 17 specific diagnostic or medical procedure categories. The information consists of the number of Medicare patients; the observed or actual mortality rate (OBS); the predicted mortality rate (PRED), given the mix of patients; and a standard deviation (SD), a measure of the uncertainty of the predicted rate. A rule of thumb for using the SD to assess a hospital's performance appears later in this Introduction, and a more precise formula for the use of the SD is included in the Technical Appendix.

As we did in previous years' publications, we are including selected information about each hospital, such as the number of beds and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA) 1989 Annual Survey of Hospitals files or, when such information was not available from the AHA file, the Health Care Financing Administration's (HCFA) Online Survey Certification and Reporting System (OSCAR) file. These hospital characteristics are found at the bottom of each hospital's first summary data page. A more detailed description of the hospital characteristics appears later in this Introduction. It is important to note that these characteristics are provided for information only. They were not part of the analyses, and any errors or discrepancies in them do not affect the predicted mortality rates. In the publication, we have arranged the States by HCFA regions. A hospital's summary data pages and any comments received are arranged alphabetically by hospital name in each State section. A complete listing of States by region and volume can be found in Table 1.

Before reviewing a hospital summary table, it would be helpful to describe how the numbers were derived and what they mean.

> **Number of Cases.** This figure is the number of individual Medicare beneficiaries whose discharge in a fiscal year from the short-term, acute care hospital listed was selected for analysis. The total number of cases selected for each hospital is presented under the category "All Causes." The eight condition and nine procedure categories are subgroupings drawn from the "All Causes" selection. Although a particular patient may appear in only one of the eight condition categories, that same patient may also appear in one or more of the nine categories defined by a surgical procedure. Similarly, a patient may appear in one or more of the nine surgical procedure categories, even though he or she was not included in any of the eight condition categories. The categories chosen for display represent HCFA's interpretation of the categories judged to be important by various outside advisors including the Institute of Medicine. The listed condition and procedure categories cover less than half of all the hospitalized patients. (ICD-9-CM codes included in each condition and procedure category appear in Table 2.). These conditions and procedures represent the causes for the hospital admission and/or surgical episodes during that stay; **they do not necessarily represent the cause of death.** HCFA does not have access to cause of death information.
>
> **Observed Mortality Rate (OBS).** This number is the percentage of each acute care hospital's selected Medicare patients who died within 30, 90 or 180 days of the selected admission to the hospital. The percentage is rounded to the nearest one-tenth of a percent. Both in-hospital deaths and deaths occurring after discharge but within 30, 90 or 180 days of admission are included. For example, if a hospital had 1,000 patients included in the "All Causes" category and 124 of these patients died within 30 days of the selected admission, the 30-day observed mortality rate would be 12.4 percent; if an additional 17 patients died more than 30 but less than 91 days after admission, the 90-day observed mortality rate would be 14.1 percent; and if an additional 13 patients died more than 90 but less than 181 days after admission, the 180-day observed mortality rate would be 15.4 percent. It is important to note than the observed mortality rate is cumulative; e.g., the 90-day observed mortality rate includes all deaths which occur within 30 days of admission, as well as those occurring more than 30 and less than 91 days after admission. The observed mortality rate represents the percentage of beneficiaries in

a particular category who died during the selected time interval. As noted above, it does **not** represent the percentage whose death was caused by the particular condition or procedure.

Predicted Mortality Rate (PRED). This column gives a predicted mortality rate for patients included in the analysis for each hospital. The rate is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics: principal diagnosis (grouped into 17 analytical risk categories), age, sex, previous hospital admissions within the prior six months, admission source (e.g., physician reference, skilled nursing facility reference), admission type (e.g., elective or emergency), and the presence of up to four comorbid conditions--cancer, chronic cardiovascular disease, chronic renal disease, and chronic liver disease. For additional details on the development of the rates, see the Technical Appendix at the end of this volume. For a list of the ICD-9-CM codes defining the comorbid conditions see Table 3. Two additional adjustments for patient risks were carried out. First, account was taken of the effect of the specific reason for admission--the principal diagnosis within each analytic category--on the probability of patient death. Second, the additional information carried by the grouping of patients into clinically informative categories was also used. This last adjustment proved particularly important in the case of the surgical categories, because the performance of a surgical procedure has substantial implications about the severity of illness.

Standard Deviation (SD). The standard deviation is a guide to how meaningful the difference between the observed and predicted mortality rate is. In general, the greater the difference between the two rates, the greater the probability that the difference represents an actual variation from what would be expected in view of the national experience.

As a rule of thumb, if the difference is 1.2 times the SD, chances are 3 out of 4 that the difference is due to statistical variability observed nationally. If the difference is greater than 1.6 times the SD, there is only 1 chance in 10 that the difference is due to statistical variability; if the difference is more than 2.0 times the SD, there is only 1 chance in 20 that the difference is due to statistical variablity; and if the difference is more than 2.6 times the SD, there is only 1 chance in 100 that the difference can be attributed to statistical variablity rather than actual variation from what would be expected. The less chance that the difference between the PRED and the OBS can be attributed to statistical variability, the more grounds for concern may exist about the institution's performance. Further information on how to use the SD to construct prediction intervals for use in assessing the real difference between the OBS and the PRED are included in the Technical Appendix at the end of this volume. The precision and interpretability of the estimates are weaker when there are no deaths or 50 or fewer cases in a particular category being analyzed. Thus, for these instances, an asterisk (*) is placed in the SD column.

Information Sources and Notes

This publication is based primarily on Medicare hospital billing information for fiscal years 1987, 1988 and 1989. While the principal source of the data for the analysis was the HCFA-maintained Medicare Provider Analysis and Review (MEDPAR) file which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit bills to HCFA's fiscal intermediaries (which handle claims for the care provided to Medicare beneficiaries) which, in turn, submit this information to HCFA. The file is updated on a quarterly basis. Our analysis was based on information available following the June 1990 update of the MEDPAR file. It is estimated that by that time (nine months after the close of the fiscal year) 98 percent of all Medicare discharges in FY 1989 are included in the file.

In any large-scale data base, such as the one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. The fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information which might be missing or inaccurate is such a small portion of the total that it would have almost no impact on the results for national estimates. It may, however, substantially affect an individual hospital if it was the source of the suspect information.

Nevertheless, while we feel that the information used in this analysis is quite thorough and complete, there are a few points which should be kept in mind as the hospital-specific information is reviewed.

> The information used is billing data and is only as good as the information submitted by hospitals as part of the payment process. Although there is always a possibility that coding errors are included, we assume that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly. We do know, however, that some hospitals submitted incomplete or erroneous data.
>
> The hospitals included in this analysis are participating in Medicare as short-term, acute care facilities; all have a zero in the third position of their Medicare provider number. All other hospitals--those with something other than a zero in the third position of their provider number, such as rehabilitation facilities or psychiatric institutions--were automatically excluded from the analysis. This year, as last, we also excluded hospices from the publication.
>
> In some cases, we have included data for hospitals which closed, changed ownership, or changed management either during or subsequent to FY 1989. Nevertheless, data which are included for those institutions reflect the situation as it existed at the time the hospitalizations analyzed occurred.
>
> There is some information in the MEDPAR file which does not reflect immediately the results of review by the Peer Review Organizations (PROs). For example, one of the functions a PRO performs is to ensure that the diagnosis assigned to a particular case is accurate. The nature of the review and payment system is such that, in some instances, PRO changes in diagnosis assignment may not be

submitted and associated in the MEDPAR file on as timely a basis as other billing information. Obviously, this type of change could have an effect on the calculation of mortality rates in individual categories and may also have a bearing on comorbidities.

The usefulness of this information depends upon the accuracy with which mortality rates can be predicted. It is important to understand that the difference between the hospitals' mortality rates and the predicted rates in the tables in this publication may not be a direct measure of the quality of care rendered in the hospitals. One reason for this is that we do not now have any direct measurement tool with which we can adjust fully for differences among hospitals in how severely ill their patients are. For instance, two hospitals may have very different death rates for patients admitted for stroke, even after we have adjusted for age, sex and several other factors. This might happen because one hospital's stroke patients consist of a significant number who are admitted in a coma (and are thus more likely to die), whereas another hospital's patient population represents a broader spectrum of patients with cerebrovascular problems, or because these hospitals in fact do provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support, overall health status of the patient, etc.) are not included in the predictive model because information on them is not readily available.

Nevertheless, we believe that this information is an important contribution to the health care community and should be helpful to a wide range of individuals and organizations including hospital administrators, physicians, and researchers. Among these audiences, we expect that the hospital administrator (in consultation with medical staff) will find the information most useful as a screening tool to evaluate a hospital's strengths and weaknesses. For example, we know that some hospitals and their medical staffs, using established and newly emerging quality assessment techniques, are trying to determine what useful information can be derived about their hospitals and how they function. In this way, the information should lead to analysis and subsequent actions which will capitalize on areas of strong performance and strengthen areas where improvement is needed.

We believe that when this information is properly understood and applied, it can be very useful; it can also be misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital--post-admission mortality for Medicare beneficiaries. The information is not necessarily representative of a hospital's total performance in all aspects of patient care and is best used to view experience in individual hospitals rather than for making comparisons among hospitals. Individual hospitals may have very good reasons for their rates being higher than the rates predicted by the HCFA model. For example, one hospital might have different death rates than another because of its patient mix. Accordingly, it was important for hospitals to have an opportunity to review their specific information and to provide comments to HCFA and the public. We offered each hospital the opportunity to comment on the information contained in this volume, and we included in this publication those comments which were received by January 15, 1991. Consumers should read the explanations of the uses and limitations of the information, as well as any comments a hospital may have provided.

The development and presentation of this information continues to be an important part of HCFA's responsibilities in the health care community. Consequently, in making the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. More specifically, in June 1990 we presented the major changes--use of fiscal year data, use of random rather than last admission for analysis, use of the standard deviation rather than ranges, presentation of mortality rates at three time intervals--to these experts. Based on their recommendations, we believe that the models used in these analyses continue to be reasonable and appropriate.

In the past, we have conducted validation studies of our methodology. In general, these studies have found correlation between poor quality care and hospitals whose observed mortality rate significantly exceeds the rate that would have been predicted. However, we have also found that detailed clinical data which more thoroughly characterize the severity of patient's illness, while they do not materially affect results describing the general pattern of mortality, do, in specific instances, alter our assessment of the comparison of the observed to the predicted mortality rates.

The format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians and hospitals. Also, we have spent many months reviewing the comments received from the hospitals regarding their patient-specific data for earlier years and our previous mortality information publications. Many suggestions from these sources have been incorporated into this publication.

We have carefully investigated comments from individual hospitals on apparent discrepancies or errors generated in previous years. These discrepancies very rarely impacted on a hospital's overall mortality rate. Most of these instances fell into the following three broad categories.

Inaccurate Date of Death. We found that inpatient billing coding errors (e.g., a hospital bill indicating that the patient's status at time of discharge was "expired" when the patient had, in fact, left the hospital alive) created many of these errors. We have mechanisms in place that allow a continuous update of HCFA's master file, thereby enabling us to make corrections.

Data Posting Delays. In some instances, delays in posting data to the MEDPAR file created difficulties in prior years' analyses. However, because of the use of a fiscal, rather than calendar, year and of a random, rather than last, admission for analysis, this problem has largely been eliminated.

Discrepant Case Counts. Our analysis counts only one acute care discharge in a fiscal year; normally, hospitals count each discharge. Thus, a patient admitted three times in a year would count three times for the hospital, but only once for the purpose of analyzing Medicare hospital mortality data presented in this publication.

On December 6, 1990, we mailed mortality information to each hospital on its Medicare patients and asked for comments by January 15, 1991. Each hospital received the summary data information (as published here), as well as a list of all Medicare patients whose stay in that hospital in FY 1989 was selected for the analysis. The comments we received are generally reproduced as submitted by the hospital. However, in instances where hospitals returned an annotated copy of the HCFA information sent on December 6, we did not publish that annotated material, even in cases where these were the only comments submitted by the hospital. We took this action because of patient privacy concerns and/or because it would have duplicated information already provided on the hospital's summary data sheet. However, we have published a standard statement to identify instances where we received this type of response. Additionally, in cases where the hospital's response exceeded the two-page limit, which was specified in our communication of December 6, we have published only the first two pages of the material received. No attempt has been made to edit or condense the response provided by the hospital.

In any project of this size, there will be instances where hospitals did not receive the information for comment or did not receive it timely. In fact, many hospitals were sent second copies of their specific information in an expeditious manner in order to allow every opportunity for review and comment. Even though it is possible that some of the nonresponding facilities never got the information or did not have adequate time to comment, we expect that these instances are few in number.

As noted previously, we have again included information on selected hospital characteristics such as the number of beds, occupancy rate, ownership, staffing, and specialty services. These particular characteristics and services were selected as those of most interest to Medicare beneficiaries. (Thus, for example, we do not include information on specialty services such as Neonatal Intensive Care Units.) This information was obtained from the AHA 1989 Annual Survey of Hospitals. Where hospitals did not provide information to AHA on a particular item, it has been listed as not available. This file consists of information voluntarily reported by hospitals to the AHA. In instances where the AHA records contained no information about a hospital included in the analysis, we have presented the most recent information from HCFA's OSCAR file.

Following are the AHA's definitions of each characteristic found on the hospital's summary page containing the FY 1989 summary data information.

SURVEY AND YEAR: AHA 1989 Source = American Hospital Association 1989 Annual Survey of Hospital Files

Total beds (#): Number of beds (including sub-acute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up, staffed, and ready for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.

Occupancy rate (percent): Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)

Ownership/control: State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government.

STAFFING (as of 09/30/88):

Total number of physicians: Total active and associate medical staff.

Percent of physicians who are board-certified specialists: Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.

Medical residents/interns: Full-time equivalent (FTE) medical residents or interns.

Registered nurses: Full-time equivalent (FTE) registered nurses.

Licensed practical nurses: Full-time equivalent (FTE) licensed practical nurses.

AHA DEFINED SPECIALTY SERVICES:

Burn unit: Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.

Cardiac intensive care: Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure, open-heart surgery or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

Comprehensive Geriatric Assessment: Provides diagnostic and evaluation services that determine elderly patients' long-term care needs. Includes the assessment of medical conditions, functional activities and mental and emotional conditions, and incorporates these into a treatment plan which includes family and financial concerns as well as medical needs.

Hospice care: A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patients' illness and death.

Medical/surgical intensive care: Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not provided in a distinct cardiac care unit.

Organ transplant service equipment: The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient.

Other intensive care: Provides nursing care to adult and/or pediatric patients with a specialized disease or condition of a more intensive nature than the usual medical, surgical, pediatric and/or psychiatric care on the basis of physicians' orders and approved nursing plans. Examples reported include oncology or spinal cord injuries. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment appropriate for the patients' specialized conditions.

Rehabilitation unit: Unit having designated beds and providing a comprehensive array of multidisciplinary medical rehabilitation services.

Trauma center: Provides emergency and specialized intensive care to critically injured patients.

NOTE: Inquiries regarding the AHA data or requests for additional AHA data must be directed to the Director of the American Hospital Association's Hospital Data Center at (312) 280-6000.

Following are HCFA's Online Survey Certification and Reporting System (OSCAR) definitions of some characteristics found on the hospital's summary page containing the 1986, 1987, and 1988 mortality rates and ranges.

SURVEY AND YEAR: OSCAR 19__

Total beds (#): Total number of operational beds eligible for Medicare payment.

Ownership/control: Church; private; Federal, State, local government, or hospital district or authority; proprietary.

STAFFING:

Medical residents/interns: Full-time equivalent (FTE) medical residents or interns.

Registered nurses: Full-time equivalent (FTE) registered nurses.

Licensed practical nurses: Full-time equivalent (FTE) licensed practical nurses.

OSCAR DEFINED SPECIALTY SERVICES:

There are no specific definitions of specialty services in OSCAR. These characteristics are self-reported by each hospital at initial certification and recertification. However, they are generally understood to parallel the explicit AHA definitions.

Table 1

STATES BY REGION AND VOLUME

REGION		VOLUME	STATE
I	Boston	1	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
II	New York	2	New Jersey, Puerto Rico, Virgin Islands
		3	New York
III	Philadelphia	4	Delaware, District of Columbia, Maryland, Virginia, West Virginia
		5	Pennsylvania
IV	Atlanta	6	Alabama, Georgia
		7	Florida
		8	Kentucky, Mississippi, South Carolina
		9	North Carolina, Tennessee
V	Chicago	10	Illinois
		11	Indiana, Michigan
		12	Minnesota, Wisconsin
		13	Ohio

VI	Dallas	14	Arkansas, Oklahoma
		15	Louisiana, New Mexico
		16	Texas (A - L)
		17	Texas (M - Z)
VII	Kansas City	18	Iowa, Kansas
		19	Missouri, Nebraska
VIII	Denver	20	Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming
IX	San Francisco	21	American Samoa/Guam, Arizona, Hawaii, Nevada
		22	California (A - L)
		23	California (M - Z)
X	Seattle	24	Alaska, Idaho, Oregon, Washington

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Table 2

DIAGNOSTIC AND PROCEDURE CATEGORIES

The following lists the ICD-9-CM diagnostic and procedure codes used to classify and group patients for presentation:

CONDITION/PROCEDURE	ICD-9-CM CODES (D) = DIAGNOSTIC CODE (P) = PROCEDURE CODE
Heart Disorders/Procedures:	
Acute Myocardial Infarction	410 (D) (exclude 410 with 5th digit of 2 after 10/1/89)
Congestive Heart Failure	398.91, 402.01, 402.11, 402.91, 428.0, 428.1, 428.9 (all D)
Angioplasty	36.0 excluding 36.00, 36.03, 36.04, 36.09 (all P)
Coronary Artery Bypass Graft	36.1 (P)
Pacemaker Insertion, Initial	37.73, 37.74, 37.75, 37.77 (after 10/1/87 use 37.70—37.73) (all P)
Pulmonary Disorders:	
Pneumonia/Influenza	480-481, 482.2, 482.3, 482.9, 483, 485, 486, 487.0 (all D)
Chronic Obstructive Pulmonary Disease	491-492; 494; 496; and 466.0, 518.5, 518.82, and 786.09 when there is a secondary diagnosis of any 496 (all D)
Cerebrovascular Disorders/Procedures:	
Transient Cerebral Ischemia	433.1, 433.3, 435 (D) and exclude those patients with an endarterectomy, 38.12 (P) at the time of admission
Stroke	431, 434-434.9, 436 (all D)
Carotid Endarterectomy	38.12 (P) with 433.1 (D), 433.3 (D), or 435 (D) as principal diagnosis

Musculoskeletal Disorders/Procedures:

Fracture of Neck of Femur	820 (D)
Hip Replacement/Revision	81.5, 81.6 (exclude 81.69) (81.51—81.53 after 10/1/89) (all P)
Open Reduction of Fractured Femur	79.35 (P) on condition of 820 (D) as principal diagnosis

Genitourinary Procedures:

Prostatectomy	60.2, 60.3-60.69 (all P)
Hysterectomy	68.3-68.7 (P)

Gastrointestinal Procedures:

Cholecystectomy	51.22 (P)

Sepsis:

Sepsis	003.1, 020.2, 022.3, 036.2, 036.3, 036.89, 036.9, 038, 054.5 (all D)

Table 3

COMORBIDITY CONDITIONS
(all are D codes)

COMORBIDITY	ICD-9-CM CODES
Cancer	141-160.9, 162-172.9, 174-208.9
Chronic liver disease	571-572.8
Chronic renal disease	582-583.9, 585-587
Chronic cardiovascular disease	412-414.9, 426-429.1

Minnesota

A L VADHEIM MEMORIAL HOSPITAL

240 Willow Street
Tyler, MN 56178

Medicare Provider Number: 240145

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	121	6.6	9.0	6.1	10.7	14.0	6.4	13.2	18.1	8.1
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	42.1	*	33.3	47.0	*	33.3	50.9	*
Congestive Heart Failure	5	0.0	16.4	*	0.0	24.6	*	20.0	31.5	*
Pneumonia/Influenza	16	0.0	15.9	*	6.3	21.6	*	6.3	26.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.2	*	0.0	7.7	*	0.0	11.1	*
Transient Cerebral Ischemia	2	0.0	2.7	*	0.0	5.8	*	0.0	8.9	*
Stroke	1	0.0	10.9	*	0.0	15.8	*	0.0	19.3	*
Hip Fracture	0									
Sepsis	2	0.0	17.8	*	0.0	26.4	*	0.0	34.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	0.9	*	0.0	2.1	*	0.0	3.4	*
Cholecystectomy	1	0.0	2.9	*	0.0	5.5	*	0.0	7.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	63
Occupancy Rate	78
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

A L VADHEIM MEMORIAL HOSPITAL

Medicare Provider Number: 240145

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	141	13.5	15.4	4.3	19.9	22.6	5.7	22.7	27.6	6.1
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	36.5	*	27.3	39.3	*	27.3	42.7	*
Congestive Heart Failure	12	25.0	18.9	*	25.0	28.3	*	25.0	35.8	*
Pneumonia/Influenza	13	15.4	16.8	*	23.1	22.1	*	30.8	26.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.1	*	0.0	4.3	*	0.0	6.5	*
Stroke	3	0.0	26.6	*	0.0	33.1	*	0.0	38.1	*
Hip Fracture	1	0.0	4.9	*	0.0	9.2	*	0.0	12.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	4.3	*	0.0	8.3	*	0.0	11.1	*
Prostatectomy	3	0.0	0.8	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.7	*	0.0	1.5	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	132	9.8	10.7	2.9	12.9	15.9	3.6	13.6	20.3	4.8
CONDITIONS:										
Acute Myocardial Infarction	7	57.1	40.3	*	57.1	43.6	*	57.1	47.6	*
Congestive Heart Failure	13	15.4	18.5	*	15.4	27.0	*	15.4	33.9	*
Pneumonia/Influenza	8	0.0	15.3	*	0.0	20.7	*	0.0	25.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	15.6	*	0.0	27.5	*	0.0	35.6	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	25.0	*	0.0	33.4	*	0.0	39.4	*
Hip Fracture	2	0.0	12.8	*	0.0	22.5	*	0.0	28.1	*
Sepsis	1	100.0	40.0	*	100.0	49.7	*	100.0	59.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	9.9	*	0.0	17.6	*	0.0	21.8	*
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.2	*	0.0	3.0	*	0.0	4.8	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.6	*	0.0	1.4	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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A. L. VADHEIM MEMORIAL HOSPITAL
SUNRISE MANOR
240 WILLOW STREET, TYLER, MINNESOTA 56178

TYLER HOSPITAL CORPORATION

OFFICE: 507-247-5521

12-14-90

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

RE HCFA Mortality Information for clarification, the number of beds (63) for our facility (240145), A.L. Vadheim Memorial Hospital, includes nursing home beds. We are licensed for 43 nursing home beds and 28 hospital beds, only 20 of which are set up and operational.

Thank you very much.

Sincerely,

Pamela J. Gilchrist,
Administrator

PJG/saj

ABBOTT-NORTHWESTERN HOSPITAL

800 East 28th Street at Chicago Ave
Minneapolis, MN 55407

Medicare Provider Number: 240057

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,174	6.5	6.4	0.3	10.4	10.3	0.5	13.2	13.4	0.5
CONDITIONS:										
Acute Myocardial Infarction	202	17.3	18.6	3.7	21.3	21.9	4.8	22.3	24.8	4.4
Congestive Heart Failure	186	14.0	13.9	2.5	22.0	22.7	5.0	28.0	29.3	4.3
Pneumonia/Influenza	149	17.4	17.2	3.8	22.1	24.4	5.8	26.8	29.3	6.8
Chronic Obstructive Pulmonary Disease	40	7.5	4.8	*	15.0	9.2	*	22.5	13.2	*
Transient Cerebral Ischemia	81	4.9	1.5	2.8	4.9	3.2	2.9	4.9	5.0	3.7
Stroke	140	15.7	17.9	4.4	17.9	25.4	6.7	25.0	30.0	6.0
Hip Fracture	141	0.7	3.7	3.0	7.8	7.3	2.7	9.2	9.9	2.7
Sepsis	39	12.8	20.4	*	17.9	27.3	*	25.6	33.0	*
PROCEDURES:										
Angioplasty	171	0.0	1.8	1.9	0.0	2.5	2.3	0.6	3.4	2.3
Coronary Artery Bypass Graft	235	6.8	5.2	1.6	9.4	7.8	2.4	9.8	9.4	2.0
Initial Pacemaker Insertion	38	2.6	2.2	*	2.6	4.5	*	2.6	6.7	*
Carotid Endarterectomy	37	0.0	1.5	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	106	0.0	2.1	2.2	1.9	4.2	3.0	3.8	6.0	4.0
Open Reduction of Hip Fracture	50	2.0	3.5	*	14.0	7.2	*	16.0	10.0	*
Prostatectomy	131	0.0	0.9	1.2	0.8	2.2	2.2	4.6	3.8	1.9
Cholecystectomy	80	7.5	2.3	3.3	7.5	4.7	3.6	10.0	6.7	4.2
Hysterectomy	33	3.0	0.7	*	3.0	1.7	*	9.1	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	757
Occupancy Rate	70
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	628
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	4
Registered Nurses	827
Licensed Practical Nurses	57

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ABBOTT-NORTHWESTERN HOSPITAL

Medicare Provider Number: 240057

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,750	7.3	6.6	0.5	11.2	10.6	0.5	14.6	13.8	0.6
CONDITIONS:										
Acute Myocardial Infarction	177	24.3	21.4	5.3	27.1	25.0	5.0	30.5	28.4	5.0
Congestive Heart Failure	169	14.8	14.4	3.1	22.5	22.8	3.6	29.6	29.8	3.6
Pneumonia/Influenza	137	13.1	16.9	4.4	21.9	23.7	4.2	29.9	28.9	4.3
Chronic Obstructive Pulmonary Disease	30	10.0	6.7	*	13.3	11.6	*	23.3	15.8	*
Transient Cerebral Ischemia	67	3.0	1.5	2.0	6.0	3.1	2.7	9.0	4.9	3.8
Stroke	161	14.9	18.6	5.0	19.3	26.1	6.4	25.5	31.2	6.0
Hip Fracture	115	5.2	4.2	2.4	12.2	8.2	3.7	17.4	11.1	5.5
Sepsis	30	16.7	20.3	*	30.0	28.8	*	33.3	35.5	*
PROCEDURES:										
Angioplasty	105	3.8	2.6	2.1	3.8	3.4	2.4	4.8	4.3	2.2
Coronary Artery Bypass Graft	194	6.2	5.2	2.2	7.7	7.2	2.2	8.8	8.6	2.0
Initial Pacemaker Insertion	35	5.7	4.6	*	11.4	8.3	*	17.1	11.4	*
Carotid Endarterectomy	36	5.6	1.4	*	5.6	2.5	*	5.6	3.7	*
Hip Replacement/Reconstruction	85	1.2	2.1	1.9	5.9	4.4	3.5	5.9	6.2	2.7
Open Reduction of Hip Fracture	48	8.3	3.9	*	16.7	8.0	*	22.9	11.0	*
Prostatectomy	132	0.8	1.1	0.9	0.8	2.5	1.9	3.8	4.1	1.9
Cholecystectomy	69	1.4	1.9	2.5	1.4	3.6	3.7	2.9	4.9	3.9
Hysterectomy	34	0.0	1.8	*	0.0	3.1	*	0.0	4.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,145	7.1	6.9	0.5	11.3	11.0	0.6	14.4	14.3	0.8
CONDITIONS:										
Acute Myocardial Infarction	173	16.2	24.2	4.2	21.4	28.3	4.8	24.3	32.0	4.5
Congestive Heart Failure	137	16.1	15.3	3.5	25.5	24.1	4.1	33.6	31.0	5.1
Pneumonia/Influenza	98	17.3	19.0	6.0	25.5	26.4	4.7	31.6	31.7	4.9
Chronic Obstructive Pulmonary Disease	26	15.4	7.6	*	23.1	13.8	*	23.1	18.7	*
Transient Cerebral Ischemia	41	2.4	1.6	*	7.3	3.3	*	9.8	4.9	*
Stroke	117	23.9	20.6	4.6	32.5	28.0	8.9	38.5	32.7	8.1
Hip Fracture	98	5.1	4.4	4.3	12.2	8.8	6.1	14.3	12.1	6.4
Sepsis	20	20.0	26.9	*	20.0	37.8	*	25.0	45.2	*
PROCEDURES:										
Angioplasty	74	0.0	2.5	*	0.0	3.3	*	0.0	4.3	*
Coronary Artery Bypass Graft	208	2.9	5.3	2.7	4.3	7.3	3.4	5.3	8.6	3.6
Initial Pacemaker Insertion	27	11.1	3.4	*	11.1	6.2	*	14.8	8.9	*
Carotid Endarterectomy	41	2.4	1.4	*	4.9	2.5	*	4.9	3.6	*
Hip Replacement/Reconstruction	82	4.9	2.3	3.2	8.5	4.6	4.2	9.8	6.3	5.2
Open Reduction of Hip Fracture	35	2.9	3.7	*	11.4	7.8	*	14.3	11.1	*
Prostatectomy	106	0.0	0.9	1.1	0.0	2.2	2.3	4.7	3.9	3.0
Cholecystectomy	58	1.7	2.3	3.5	5.2	4.6	4.0	6.9	6.5	3.8
Hysterectomy	42	2.4	1.0	*	2.4	2.3	*	4.8	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ADA MUNICIPAL HOSPITAL

405 East Second Avenue
Ada, MN 56510

Medicare Provider Number: 240114

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	56	10.7	17.1	6.5	17.9	25.3	8.8	17.9	31.1	10.0
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	33.8	*	20.0	38.5	*	20.0	43.3	*
Congestive Heart Failure	6	33.3	18.4	*	33.3	27.6	*	33.3	35.3	*
Pneumonia/Influenza	5	0.0	12.8	*	0.0	17.6	*	0.0	21.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.1	*	0.0	2.6	*	0.0	4.6	*
Stroke	3	0.0	23.8	*	0.0	32.0	*	0.0	37.7	*
Hip Fracture	0									
Sepsis	1	0.0	29.6	*	0.0	35.0	*	0.0	41.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	79
Occupancy Rate	65
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ADA MUNICIPAL HOSPITAL

Medicare Provider Number: 240114

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	88	12.5	13.2	5.0	18.2	20.1	5.5	20.5	25.1	7.1
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	43.4	*	60.0	49.1	*	60.0	53.3	*
Congestive Heart Failure	9	22.2	17.6	*	33.3	25.6	*	33.3	32.6	*
Pneumonia/Influenza	2	0.0	18.4	*	0.0	24.0	*	0.0	28.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	1.7	*	0.0	3.0	*	0.0	4.1	*
Transient Cerebral Ischemia	2	0.0	1.5	*	0.0	3.4	*	0.0	5.6	*
Stroke	1	100.0	43.3	*	100.0	46.8	*	100.0	50.5	*
Hip Fracture	1	0.0	4.9	*	0.0	9.5	*	0.0	12.7	*
Sepsis	1	0.0	34.8	*	100.0	46.2	*	100.0	55.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	4.2	*	0.0	8.6	*	0.0	11.8	*
Prostatectomy	0									
Cholecystectomy	3	33.3	4.5	*	33.3	9.2	*	33.3	12.5	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	132	14.4	12.9	3.9	22.0	19.0	4.3	24.2	23.7	4.5
CONDITIONS:										
Acute Myocardial Infarction	8	62.5	45.6	*	62.5	50.5	*	62.5	54.8	*
Congestive Heart Failure	4	0.0	28.1	*	50.0	35.8	*	50.0	42.8	*
Pneumonia/Influenza	6	16.7	18.5	*	16.7	25.2	*	16.7	29.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	33.3	2.6	*	33.3	5.5	*	33.3	8.8	*
Stroke	4	0.0	21.9	*	25.0	30.6	*	25.0	36.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	20.0	2.4	*	20.0	3.8	*	20.0	5.0	*
Hysterectomy	3	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

AITKIN COMMUNITY HOSPITAL

301 Minnesota Ave South
Aitkin, MN 56431

Medicare Provider Number: 240086

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	268	11.2	11.9	2.0	14.2	17.6	2.7	17.5	22.2	3.1
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	27.8	*	35.3	31.4	*	35.3	35.0	*
Congestive Heart Failure	21	9.5	14.0	*	9.5	21.2	*	9.5	27.5	*
Pneumonia/Influenza	30	16.7	20.2	*	16.7	26.7	*	26.7	31.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.1	*	0.0	17.7	*	0.0	26.7	*
Transient Cerebral Ischemia	8	0.0	2.0	*	12.5	4.6	*	25.0	7.4	*
Stroke	11	9.1	19.4	*	18.2	25.0	*	18.2	29.3	*
Hip Fracture	9	0.0	6.1	*	11.1	11.0	*	22.2	14.5	*
Sepsis	1	0.0	28.7	*	0.0	33.0	*	0.0	38.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	6.8	*	20.0	12.6	*	40.0	16.6	*
Open Reduction of Hip Fracture	3	0.0	4.7	*	0.0	9.0	*	0.0	12.0	*
Prostatectomy	0									
Cholecystectomy	4	0.0	0.8	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	84
Occupancy Rate	67
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	63
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

AITKIN COMMUNITY HOSPITAL

Medicare Provider Number: 240086

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	238	13.0	13.5	3.1	17.2	19.2	3.2	21.8	23.7	3.2
CONDITIONS:										
Acute Myocardial Infarction	25	24.0	32.2	*	32.0	35.5	*	40.0	39.1	*
Congestive Heart Failure	9	22.2	15.1	*	33.3	23.2	*	33.3	29.7	*
Pneumonia/Influenza	22	18.2	21.3	*	22.7	28.3	*	27.3	33.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.8	*	0.0	17.9	*	0.0	26.4	*
Transient Cerebral Ischemia	9	0.0	2.5	*	0.0	5.4	*	0.0	8.5	*
Stroke	10	10.0	20.9	*	20.0	27.6	*	30.0	32.7	*
Hip Fracture	12	25.0	9.5	*	41.7	17.7	*	41.7	22.8	*
Sepsis	3	33.3	30.5	*	33.3	37.0	*	33.3	43.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	8	0.0	4.6	*	12.5	9.0	*	12.5	12.3	*
Prostatectomy	0									
Cholecystectomy	8	0.0	1.2	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	228	16.2	14.1	2.6	21.5	19.1	3.0	24.1	22.9	2.8
CONDITIONS:										
Acute Myocardial Infarction	26	38.5	34.9	*	38.5	38.2	*	38.5	41.8	*
Congestive Heart Failure	14	0.0	17.5	*	0.0	25.7	*	7.1	32.6	*
Pneumonia/Influenza	18	33.3	20.2	*	44.4	26.7	*	50.0	32.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	9.5	*	0.0	24.4	*	0.0	39.7	*
Transient Cerebral Ischemia	3	0.0	3.9	*	33.3	9.3	*	33.3	15.5	*
Stroke	12	16.7	32.9	*	25.0	41.7	*	41.7	47.6	*
Hip Fracture	2	0.0	3.2	*	50.0	5.8	*	50.0	7.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	10	0.0	2.2	*	0.0	3.8	*	0.0	4.9	*
Hysterectomy	2	0.0	0.4	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ALBANY AREA HOSPITAL

300 Third Ave, Box 370
Albany, MN 56307

Medicare Provider Number: 240193

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	118	8.5	9.3	3.5	13.6	14.0	4.0	16.9	18.1	3.7
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	6.4	*	0.0	9.3	*	0.0	12.1	*
Congestive Heart Failure	9	22.2	13.5	*	44.4	21.1	*	66.7	27.6	*
Pneumonia/Influenza	14	7.1	20.4	*	28.6	27.9	*	28.6	33.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	7	0.0	2.8	*	0.0	6.8	*	14.3	11.1	*
Stroke	3	0.0	18.3	*	0.0	24.1	*	0.0	28.5	*
Hip Fracture	0									
Sepsis	3	33.3	41.2	*	33.3	48.5	*	33.3	56.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	1.4	*	0.0	3.3	*	0.0	5.4	*
Cholecystectomy	2	0.0	1.2	*	0.0	2.1	*	0.0	2.9	*
Hysterectomy	3	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	26
Occupancy Rate	19
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ALBANY AREA HOSPITAL

Medicare Provider Number: 240193

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	102	5.9	10.5	4.7	12.7	15.8	5.8	14.7	19.9	6.7
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	24.0	*	0.0	27.2	*	0.0	31.6	*
Congestive Heart Failure	5	0.0	13.8	*	20.0	21.0	*	20.0	27.3	*
Pneumonia/Influenza	14	14.3	18.5	*	21.4	24.3	*	28.6	28.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.0	*	0.0	4.5	*	0.0	7.2	*
Stroke	11	9.1	18.4	*	9.1	24.1	*	18.2	28.5	*
Hip Fracture	0									
Sepsis	1	100.0	27.0	*	100.0	32.3	*	100.0	38.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.2	*	0.0	2.9	*	0.0	4.5	*
Cholecystectomy	2	0.0	1.7	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	1	0.0	1.9	*	0.0	4.1	*	0.0	6.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	90	8.9	10.6	3.5	14.4	16.2	4.1	15.6	20.7	5.1
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	34.8	*	0.0	37.8	*	0.0	42.1	*
Congestive Heart Failure	4	0.0	15.1	*	0.0	22.5	*	0.0	29.1	*
Pneumonia/Influenza	13	7.7	16.9	*	7.7	22.9	*	7.7	28.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	4	0.0	2.9	*	25.0	7.2	*	25.0	12.3	*
Stroke	1	100.0	27.9	*	100.0	35.4	*	100.0	41.5	*
Hip Fracture	0									
Sepsis	1	0.0	26.4	*	100.0	38.9	*	100.0	48.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	12.5	2.7	*	12.5	7.1	*	12.5	12.2	*
Cholecystectomy	3	0.0	2.9	*	0.0	5.9	*	0.0	8.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

APPLETON MUNICIPAL HOSPITAL

30 South Behl Street
Appleton, MN 56208

Medicare Provider Number: 240116

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	150	10.0	13.2	3.0	16.0	18.8	3.9	16.7	23.4	4.5
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	47.6	*	25.0	51.3	*	25.0	55.8	*
Congestive Heart Failure	9	22.2	18.5	*	22.2	25.5	*	22.2	32.4	*
Pneumonia/Influenza	11	18.2	21.3	*	36.4	30.6	*	36.4	37.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.1	*	50.0	15.1	*	50.0	20.0	*
Transient Cerebral Ischemia	4	0.0	4.0	*	0.0	9.6	*	0.0	15.2	*
Stroke	7	14.3	23.4	*	14.3	30.3	*	14.3	35.2	*
Hip Fracture	3	0.0	6.0	*	0.0	11.2	*	0.0	15.1	*
Sepsis	2	0.0	35.7	*	0.0	44.7	*	0.0	51.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.4	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy	3	0.0	1.2	*	0.0	2.2	*	0.0	3.3	*
Hysterectomy	1	0.0	0.3	*	100.0	0.8	*	100.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	104
Occupancy Rate	86
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

APPLETON MUNICIPAL HOSPITAL

Medicare Provider Number: 240116

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	142	7.0	12.1	3.7	12.0	18.0	4.7	14.8	22.6	4.9
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	33.6	*	44.4	39.8	*	44.4	45.2	*
Congestive Heart Failure	4	0.0	23.4	*	25.0	31.3	*	25.0	38.6	*
Pneumonia/Influenza	8	0.0	17.7	*	0.0	24.0	*	12.5	29.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.9	*	0.0	5.8	*	0.0	8.3	*
Transient Cerebral Ischemia	5	0.0	5.0	*	0.0	12.0	*	0.0	18.8	*
Stroke	5	0.0	24.9	*	20.0	33.0	*	20.0	38.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	0.4	*	0.0	1.0	*	0.0	1.5	*
Cholecystectomy	5	0.0	2.2	*	0.0	4.1	*	0.0	5.2	*
Hysterectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	142	12.7	10.8	3.2	16.2	16.6	3.4	21.1	21.2	3.8
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	29.0	*	0.0	32.1	*	0.0	36.2	*
Congestive Heart Failure	4	0.0	26.4	*	0.0	39.5	*	0.0	49.0	*
Pneumonia/Influenza	16	25.0	19.4	*	31.3	26.4	*	43.8	31.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.4	*	0.0	6.7	*	0.0	9.8	*
Transient Cerebral Ischemia	4	0.0	2.2	*	0.0	4.8	*	0.0	7.7	*
Stroke	6	33.3	32.0	*	50.0	40.4	*	66.7	46.3	*
Hip Fracture	6	0.0	6.9	*	0.0	13.6	*	0.0	18.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	7.9	*	0.0	16.4	*	0.0	23.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	0.6	*	14.3	1.1	*	14.3	1.8	*
Cholecystectomy	3	0.0	2.2	*	33.3	4.1	*	33.3	4.9	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ARLINGTON MUNICIPAL HOSPITAL

601 West Chandler
Arlington, MN 55307

Medicare Provider Number: 240161

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	171	13.5	9.0	5.5	19.9	14.0	5.9	25.1	18.0	6.9
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	26.1	*	40.0	28.9	*	40.0	32.4	*
Congestive Heart Failure	9	33.3	14.3	*	44.4	22.7	*	44.4	29.9	*
Pneumonia/Influenza	15	26.7	15.4	*	40.0	20.8	*	40.0	25.3	*
Chronic Obstructive Pulmonary Disease	5	20.0	5.2	*	40.0	9.2	*	40.0	13.0	*
Transient Cerebral Ischemia	1	0.0	2.1	*	0.0	4.2	*	0.0	6.5	*
Stroke	6	0.0	15.2	*	0.0	20.3	*	0.0	24.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.7	*	0.0	4.8	*	0.0	8.6	*
Cholecystectomy	1	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	17
Occupancy Rate	53
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ARLINGTON MUNICIPAL HOSPITAL

Medicare Provider Number: 240161

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	84	13.1	12.5	6.6	21.4	18.2	8.9	26.2	22.5	8.5
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	34.6	*	75.0	38.2	*	75.0	41.7	*
Congestive Heart Failure	9	22.2	18.6	*	33.3	28.0	*	33.3	35.4	*
Pneumonia/Influenza	4	25.0	16.8	*	25.0	22.5	*	25.0	27.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.5	*	0.0	5.0	*	0.0	7.3	*
Transient Cerebral Ischemia	0									
Stroke	3	0.0	17.2	*	33.3	22.7	*	33.3	26.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	89	14.6	9.7	3.8	16.9	14.4	3.9	18.0	18.2	4.1
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	24.4	*	16.7	27.1	*	16.7	30.6	*
Congestive Heart Failure	7	42.9	21.5	*	57.1	32.0	*	57.1	39.3	*
Pneumonia/Influenza	6	0.0	15.7	*	16.7	21.8	*	16.7	26.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.0	*	0.0	12.0	*	0.0	16.2	*
Transient Cerebral Ischemia	3	0.0	2.6	*	0.0	5.4	*	0.0	8.5	*
Stroke	7	57.1	21.3	*	57.1	30.2	*	57.1	36.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ARNOLD MEMORIAL HOSPITAL

601 Louisiana Avenue
Adrian, MN 56110

Medicare Provider Number: 240127

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	83	7.2	6.8	4.2	10.8	11.1	10.4	14.5	14.8	14.3
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	32.3	*	50.0	36.3	*	50.0	40.8	*
Congestive Heart Failure	3	0.0	13.4	*	0.0	20.9	*	33.3	27.6	*
Pneumonia/Influenza	5	0.0	12.5	*	0.0	17.3	*	0.0	21.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.5	*	0.0	13.8	*	0.0	18.9	*
Transient Cerebral Ischemia	3	0.0	2.4	*	0.0	5.8	*	0.0	9.6	*
Stroke	6	33.3	20.5	*	50.0	27.3	*	50.0	32.4	*
Hip Fracture	3	0.0	6.7	*	0.0	12.3	*	0.0	16.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.2	*	0.0	13.7	*	0.0	17.9	*
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.5	*	0.0	1.4	*	0.0	2.6	*
Cholecystectomy	2	0.0	1.8	*	0.0	3.7	*	0.0	5.0	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	58
Occupancy Rate	79
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ARNOLD MEMORIAL HOSPITAL

Medicare Provider Number: 240127

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	84	13.1	10.7	3.9	16.7	16.7	4.4	19.0	21.2	4.9
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	35.6	*	100.0	40.7	*	100.0	45.6	*
Congestive Heart Failure	2	50.0	13.1	*	50.0	19.4	*	50.0	25.2	*
Pneumonia/Influenza	8	12.5	16.2	*	25.0	22.4	*	25.0	27.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.4	*	0.0	5.0	*	0.0	7.2	*
Transient Cerebral Ischemia	0									
Stroke	8	12.5	22.9	*	25.0	30.6	*	50.0	36.2	*
Hip Fracture	1	0.0	3.4	*	0.0	7.2	*	0.0	10.3	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.2	*	0.0	6.9	*	0.0	9.9	*
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Cholecystectomy	2	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	87	9.2	8.9	3.1	10.3	13.5	4.4	13.8	17.4	6.0
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	19.6	*	0.0	22.2	*	0.0	25.1	*
Congestive Heart Failure	6	0.0	12.6	*	0.0	19.3	*	0.0	25.3	*
Pneumonia/Influenza	8	25.0	14.4	*	25.0	20.4	*	25.0	25.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.8	*	0.0	16.2	*	0.0	22.2	*
Transient Cerebral Ischemia	1	0.0	3.3	*	0.0	8.0	*	100.0	12.5	*
Stroke	2	0.0	27.9	*	0.0	36.2	*	0.0	42.2	*
Hip Fracture	2	0.0	7.5	*	0.0	12.9	*	0.0	16.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	7.1	*	0.0	11.6	*	0.0	14.4	*
Prostatectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy	2	0.0	1.0	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	1	0.0	0.5	*	100.0	1.1	*	100.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CALEDONIA HEALTH CARE CENTER

425 North Badger Street
Caledonia, MN 55921

Medicare Provider Number: 240118

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	28	3.6	9.5	*	14.3	15.1	*	17.9	19.9	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	4	0.0	13.9	*	0.0	21.2	*	25.0	27.6	*
Pneumonia/Influenza	6	0.0	12.8	*	0.0	17.1	*	0.0	21.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	9.5	*	0.0	15.0	*	0.0	19.8	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	13.6	*	0.0	18.7	*	0.0	22.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds	18
Ownership/Control	Church
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	Yes
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

CALEDONIA HEALTH CARE CENTER

Medicare Provider Number: 240118

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	62	19.4	13.5	5.6	25.8	20.5	5.6	29.0	25.8	5.7
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	8	12.5	18.0	*	25.0	28.1	*	25.0	36.1	*
Pneumonia/Influenza	9	11.1	18.6	*	22.2	25.7	*	22.2	30.9	*
Chronic Obstructive Pulmonary Disease	2	50.0	6.5	*	50.0	12.5	*	50.0	17.6	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	4.1	*	0.0	6.5	*
Stroke	2	0.0	18.6	*	0.0	24.0	*	0.0	28.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	47	8.5	11.3	*	8.5	16.6	*	14.9	21.0	*
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	51.4	*	100.0	55.5	*	100.0	60.7	*
Congestive Heart Failure	5	0.0	18.6	*	0.0	28.7	*	0.0	36.8	*
Pneumonia/Influenza	7	0.0	10.7	*	0.0	14.8	*	14.3	18.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	14.7	*	0.0	25.6	*	0.0	32.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CANBY COMMUNITY HOSPITAL

112 St Olaf Avenue
Canby, MN 56220

Medicare Provider Number: 240077

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	144	8.3	8.3	2.4	15.3	12.9	3.9	18.1	16.8	3.4
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	23.1	*	28.6	26.2	*	28.6	29.8	*
Congestive Heart Failure	1	0.0	33.5	*	0.0	52.1	*	100.0	64.3	*
Pneumonia/Influenza	11	18.2	15.5	*	18.2	21.5	*	18.2	26.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.1	*	0.0	13.1	*	0.0	18.6	*
Transient Cerebral Ischemia	0									
Stroke	10	10.0	19.2	*	10.0	25.4	*	10.0	30.2	*
Hip Fracture	3	0.0	7.7	*	33.3	14.8	*	33.3	19.6	*
Sepsis	2	50.0	31.3	*	50.0	36.9	*	50.0	43.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	7.4	*	50.0	14.5	*	50.0	19.3	*
Prostatectomy	7	0.0	1.3	*	14.3	3.3	*	14.3	5.4	*
Cholecystectomy	2	0.0	4.0	*	0.0	7.5	*	0.0	9.4	*
Hysterectomy	1	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	98
Occupancy Rate	83
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CANBY COMMUNITY HOSPITAL

Medicare Provider Number: 240077

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	155	12.3	8.7	3.1	17.4	13.3	3.5	18.7	17.0	3.1
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	37.8	*	0.0	41.1	*	33.3	45.6	*
Congestive Heart Failure	4	0.0	16.9	*	0.0	25.6	*	0.0	32.2	*
Pneumonia/Influenza	15	13.3	14.1	*	26.7	19.8	*	26.7	24.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	9.5	*	0.0	14.1	*	0.0	18.7	*
Transient Cerebral Ischemia	3	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke	9	44.4	21.5	*	44.4	28.3	*	44.4	33.3	*
Hip Fracture	3	0.0	4.3	*	0.0	8.4	*	0.0	11.2	*
Sepsis	3	0.0	14.9	*	0.0	23.2	*	0.0	29.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	4.3	*	0.0	8.7	*	0.0	12.0	*
Prostatectomy	9	0.0	1.1	*	0.0	3.0	*	11.1	5.1	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	160	10.6	10.3	3.9	13.7	15.1	4.3	18.1	19.2	3.3
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	35.2	*	36.4	39.4	*	36.4	44.3	*
Congestive Heart Failure	5	20.0	13.7	*	20.0	19.6	*	20.0	25.5	*
Pneumonia/Influenza	6	16.7	18.4	*	16.7	25.6	*	16.7	30.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.5	*	0.0	13.8	*	0.0	18.9	*
Transient Cerebral Ischemia	3	0.0	1.7	*	33.3	3.7	*	33.3	6.0	*
Stroke	7	0.0	22.1	*	14.3	30.5	*	14.3	36.1	*
Hip Fracture	1	0.0	3.7	*	0.0	7.0	*	100.0	9.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.2	*	0.0	6.4	*	100.0	8.8	*
Prostatectomy	11	0.0	0.7	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy	1	0.0	4.6	*	0.0	9.6	*	0.0	12.7	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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CANBY COMMUNITY HOSPITAL
Canby, MN

Provider Number: 240077

The hospital's comments consisted primarily of annotations
to the patient-specific information and/or the
hospital characteristics generated by the
Health Care Financing Administration
and provided to the hospital.
We did not publish this annotated information.

CANNON FALLS COMMUNITY HOSPITAL

1116 West Mill Street
Cannon Falls, MN 55009

Medicare Provider Number: 240089

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	141	19.1	12.5	4.4	22.7	19.7	3.7	26.2	25.2	3.7
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	38.6	*	66.7	42.9	*	66.7	47.7	*
Congestive Heart Failure	14	35.7	16.9	*	42.9	26.9	*	42.9	34.8	*
Pneumonia/Influenza	11	9.1	22.0	*	9.1	30.0	*	18.2	35.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.6	*	0.0	7.6	*	0.0	11.5	*
Transient Cerebral Ischemia	1	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Stroke	8	25.0	16.9	*	25.0	22.7	*	25.0	27.0	*
Hip Fracture	6	16.7	8.4	*	16.7	16.3	*	16.7	22.1	*
Sepsis	2	50.0	28.4	*	50.0	35.8	*	50.0	43.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	10.3	*	33.3	21.3	*	33.3	29.4	*
Open Reduction of Hip Fracture	2	0.0	5.4	*	0.0	10.5	*	0.0	14.3	*
Prostatectomy	1	0.0	0.8	*	0.0	2.0	*	0.0	3.5	*
Cholecystectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	21
Occupancy Rate	33
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CANNON FALLS COMMUNITY HOSPITAL

Medicare Provider Number: 240089

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	136	10.3	10.2	2.7	15.4	16.0	3.2	19.9	20.5	3.7
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	26.2	*	0.0	32.7	*	0.0	37.8	*
Congestive Heart Failure	7	14.3	17.1	*	28.6	26.6	*	28.6	34.1	*
Pneumonia/Influenza	6	0.0	18.7	*	0.0	25.4	*	33.3	30.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.1	*	0.0	10.8	*	0.0	15.0	*
Transient Cerebral Ischemia	3	0.0	2.3	*	0.0	5.3	*	0.0	8.6	*
Stroke	6	16.7	23.0	*	50.0	29.9	*	50.0	35.0	*
Hip Fracture	2	0.0	4.2	*	0.0	8.4	*	0.0	11.5	*
Sepsis	1	0.0	21.2	*	0.0	29.4	*	100.0	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.9	*	0.0	8.1	*	0.0	11.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	7	14.3	0.9	*	14.3	2.2	*	14.3	3.8	*
Cholecystectomy	1	0.0	7.4	*	0.0	15.7	*	0.0	21.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	152	13.2	11.2	2.7	16.4	17.3	3.1	20.4	22.2	3.5
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	36.8	*	50.0	42.9	*	50.0	48.4	*
Congestive Heart Failure	17	29.4	19.0	*	41.2	28.4	*	47.1	35.9	*
Pneumonia/Influenza	8	12.5	23.3	*	25.0	31.0	*	25.0	36.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	3.5	*	0.0	5.4	*
Stroke	5	0.0	30.4	*	20.0	36.2	*	20.0	41.1	*
Hip Fracture	4	0.0	5.5	*	0.0	11.1	*	0.0	15.3	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	8.3	*	33.3	16.4	*	33.3	22.3	*
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.9	*	0.0	2.2	*	0.0	3.4	*
Cholecystectomy	3	0.0	1.1	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy	2	0.0	0.4	*	0.0	0.9	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CASS LAKE PHS INDIAN HOSPITAL

3rd Avenue West and 7th Street
Cass Lake, MN 56633

Medicare Provider Number: 240205

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	47	2.1	9.5	*	2.1	15.6	*	4.3	20.5	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	42.5	*	0.0	46.3	*	0.0	51.3	*
Congestive Heart Failure	7	0.0	19.5	*	0.0	33.9	*	0.0	44.0	*
Pneumonia/Influenza	8	0.0	12.9	*	0.0	18.0	*	0.0	22.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	9.5	*	0.0	25.3	*	0.0	43.0	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	13
Occupancy Rate	39
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	20
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CASS LAKE PHS INDIAN HOSPITAL

Medicare Provider Number: 240205

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	43	4.7	8.5	*	7.0	14.4	*	7.0	19.4	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	3	33.3	16.7	*	33.3	27.3	*	33.3	35.6	*
Pneumonia/Influenza	5	0.0	12.8	*	0.0	17.8	*	0.0	21.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.4	*	0.0	8.1	*	0.0	11.7	*
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	2.9	*	0.0	4.5	*
Stroke	1	100.0	51.7	*	100.0	55.7	*	100.0	59.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	31	6.5	8.5	*	9.7	12.5	*	9.7	15.3	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	11.2	*	0.0	16.8	*	0.0	22.2	*
Pneumonia/Influenza	1	0.0	17.0	*	0.0	23.0	*	0.0	28.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.7	*	0.0	8.5	*	0.0	11.6	*
Transient Cerebral Ischemia	1	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CHIPPEWA COUNTY-MONTEVIDEO HOSPITAL

824 North 11th St
Montevideo, MN 56265

Medicare Provider Number: 240082

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	270	11.5	11.8	2.2	19.6	17.6	3.1	22.2	22.1	2.5
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	40.5	*	46.7	44.9	*	53.3	48.9	*
Congestive Heart Failure	35	22.9	16.2	*	42.9	25.5	*	48.6	33.1	*
Pneumonia/Influenza	14	14.3	20.8	*	35.7	28.6	*	35.7	34.6	*
Chronic Obstructive Pulmonary Disease	3	33.3	6.9	*	33.3	12.4	*	66.7	17.1	*
Transient Cerebral Ischemia	3	0.0	2.0	*	0.0	4.7	*	0.0	7.8	*
Stroke	10	30.0	23.0	*	50.0	29.7	*	50.0	34.8	*
Hip Fracture	19	10.5	6.7	*	15.8	12.6	*	15.8	16.8	*
Sepsis	5	0.0	32.6	*	0.0	41.9	*	0.0	49.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	0.9	*	0.0	1.5	*	0.0	2.1	*
Hip Replacement/Reconstruction	13	15.4	5.1	*	15.4	10.1	*	15.4	13.8	*
Open Reduction of Hip Fracture	5	0.0	9.3	*	20.0	17.6	*	20.0	23.1	*
Prostatectomy	17	0.0	0.4	*	0.0	0.9	*	0.0	1.6	*
Cholecystectomy	17	0.0	1.9	*	0.0	3.4	*	0.0	4.5	*
Hysterectomy	4	0.0	1.2	*	0.0	2.7	*	0.0	4.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	35
Ownership/Control	Local Government

STAFFING:

Medical Residents/Interns	0
Registered Nurses	15
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

CHIPPEWA COUNTY-MONTEVIDEO HOSPITAL

Medicare Provider Number: 240082

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	268	16.0	13.4	3.1	22.4	18.8	4.2	25.0	23.0	4.4
CONDITIONS:										
Acute Myocardial Infarction	17	41.2	35.4	*	41.2	38.7	*	41.2	42.7	*
Congestive Heart Failure	21	23.8	15.4	*	38.1	24.9	*	42.9	32.3	*
Pneumonia/Influenza	24	16.7	26.6	*	20.8	35.1	*	25.0	40.8	*
Chronic Obstructive Pulmonary Disease	4	25.0	8.6	*	25.0	14.7	*	50.0	19.7	*
Transient Cerebral Ischemia	2	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke	15	26.7	25.3	*	40.0	32.4	*	53.3	37.7	*
Hip Fracture	19	10.5	6.7	*	21.1	13.0	*	21.1	17.3	*
Sepsis	4	100.0	49.1	*	100.0	57.1	*	100.0	65.3	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	7.4	*	25.0	14.7	*	25.0	19.7	*
Open Reduction of Hip Fracture	12	16.7	5.1	*	16.7	10.3	*	16.7	14.2	*
Prostatectomy	14	7.1	0.6	*	14.3	1.6	*	14.3	2.8	*
Cholecystectomy	16	0.0	2.1	*	0.0	3.7	*	6.3	4.7	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	297	14.1	10.8	2.7	20.2	16.5	3.1	23.9	21.0	3.4
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	35.2	*	36.4	38.5	*	36.4	42.2	*
Congestive Heart Failure	21	33.3	16.6	*	47.6	26.1	*	52.4	33.8	*
Pneumonia/Influenza	13	15.4	17.7	*	15.4	24.0	*	23.1	29.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.7	*	0.0	4.8	*	0.0	6.7	*
Transient Cerebral Ischemia	6	0.0	2.5	*	16.7	5.8	*	16.7	9.4	*
Stroke	21	33.3	25.4	*	38.1	31.6	*	38.1	36.5	*
Hip Fracture	14	21.4	4.9	*	21.4	9.6	*	28.6	13.1	*
Sepsis	7	28.6	29.8	*	42.9	40.6	*	42.9	48.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	3.9	*	12.5	7.7	*	25.0	10.5	*
Open Reduction of Hip Fracture	6	33.3	5.0	*	33.3	10.6	*	33.3	14.8	*
Prostatectomy	14	0.0	0.5	*	7.1	1.1	*	7.1	1.9	*
Cholecystectomy	13	0.0	1.6	*	0.0	3.0	*	0.0	4.1	*
Hysterectomy	3	0.0	1.5	*	0.0	3.5	*	0.0	5.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CHISAGO HEALTH SERVICES

11685 Lake Boulevard North
Chisago City, MN 55013

Medicare Provider Number: 240028

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	229	12.2	11.9	2.2	17.5	16.6	2.6	20.1	20.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	13	15.4	35.6	*	23.1	38.6	*	23.1	42.2	*
Congestive Heart Failure	15	20.0	14.0	*	26.7	20.7	*	26.7	26.9	*
Pneumonia/Influenza	24	25.0	17.0	*	33.3	23.2	*	37.5	27.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	4	25.0	2.2	*	25.0	5.1	*	25.0	8.5	*
Stroke	16	31.3	25.6	*	43.8	32.6	*	43.8	37.6	*
Hip Fracture	7	14.3	8.5	*	14.3	14.6	*	14.3	18.4	*
Sepsis	8	25.0	35.0	*	37.5	44.4	*	50.0	52.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.9	*	50.0	7.4	*	50.0	10.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.9	*	0.0	9.9	*	0.0	12.5	*
Open Reduction of Hip Fracture	4	25.0	8.8	*	25.0	16.2	*	25.0	20.7	*
Prostatectomy	6	0.0	1.2	*	0.0	2.9	*	0.0	4.9	*
Cholecystectomy	1	0.0	2.9	*	0.0	5.7	*	0.0	7.8	*
Hysterectomy	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	89
Occupancy Rate	57
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	45
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CHISAGO HEALTH SERVICES

Medicare Provider Number: 240028

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	228	13.6	10.3	2.4	17.1	14.9	2.6	22.8	18.5	3.1
CONDITIONS:										
Acute Myocardial Infarction	11	9.1	30.6	*	9.1	33.8	*	27.3	37.1	*
Congestive Heart Failure	15	6.7	17.9	*	20.0	27.2	*	26.7	34.5	*
Pneumonia/Influenza	12	33.3	19.0	*	41.7	26.1	*	58.3	31.5	*
Chronic Obstructive Pulmonary Disease	3	66.7	9.7	*	66.7	16.5	*	66.7	22.6	*
Transient Cerebral Ischemia	2	0.0	2.9	*	0.0	6.1	*	0.0	9.7	*
Stroke	16	37.5	20.9	*	37.5	26.6	*	43.8	31.2	*
Hip Fracture	11	27.3	6.3	*	27.3	11.7	*	36.4	15.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	40.0	7.4	*	40.0	14.2	*	60.0	18.4	*
Open Reduction of Hip Fracture	2	50.0	3.5	*	50.0	6.8	*	50.0	9.3	*
Prostatectomy	4	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*
Cholecystectomy	5	20.0	1.7	*	20.0	3.4	*	20.0	4.6	*
Hysterectomy	5	0.0	0.4	*	0.0	0.7	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	245	10.2	10.9	2.9	13.9	15.3	3.7	17.6	18.9	4.0
CONDITIONS:										
Acute Myocardial Infarction	19	15.8	32.0	*	21.1	35.5	*	21.1	39.0	*
Congestive Heart Failure	17	17.6	16.6	*	17.6	25.1	*	23.5	32.2	*
Pneumonia/Influenza	16	25.0	20.9	*	31.3	28.5	*	31.3	33.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.2	*	0.0	14.0	*	50.0	19.8	*
Transient Cerebral Ischemia	2	0.0	1.7	*	0.0	3.4	*	0.0	5.2	*
Stroke	17	35.3	26.9	*	41.2	34.4	*	47.1	39.8	*
Hip Fracture	9	0.0	5.5	*	11.1	10.5	*	11.1	14.2	*
Sepsis	1	0.0	26.9	*	0.0	31.2	*	0.0	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	8.4	*	0.0	12.8	*	0.0	15.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	6.8	*	20.0	14.3	*	20.0	21.5	*
Open Reduction of Hip Fracture	5	0.0	5.8	*	20.0	11.6	*	20.0	16.0	*
Prostatectomy	12	0.0	1.3	*	0.0	3.0	*	0.0	4.8	*
Cholecystectomy	3	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy	1	0.0	1.1	*	0.0	1.7	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CLEARWATER COUNTY MEMORIAL HOSPITAL

203 4th Street Northwest
Bagley, MN 56621

Medicare Provider Number: 240096

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	191	9.4	12.7	4.1	15.7	18.4	4.9	18.8	22.8	5.7
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	32.1	*	21.4	36.0	*	28.6	40.3	*
Congestive Heart Failure	10	30.0	15.9	*	40.0	24.4	*	40.0	31.9	*
Pneumonia/Influenza	17	11.8	23.9	*	23.5	32.5	*	29.4	38.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	9.6	*	0.0	18.2	*	0.0	25.8	*
Transient Cerebral Ischemia	3	0.0	1.4	*	0.0	3.0	*	0.0	4.8	*
Stroke	10	40.0	25.3	*	50.0	33.6	*	50.0	38.6	*
Hip Fracture	2	0.0	4.7	*	50.0	8.9	*	50.0	12.0	*
Sepsis	1	100.0	43.3	*	100.0	49.0	*	100.0	55.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	1.6	*	0.0	4.2	*	0.0	7.1	*
Cholecystectomy	6	0.0	1.8	*	0.0	3.1	*	0.0	3.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	24
Occupancy Rate	25
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CLEARWATER COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 240096

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	166	12.0	12.7	3.7	15.1	18.3	5.0	19.3	22.6	5.0
CONDITIONS:										
Acute Myocardial Infarction	7	0.0	24.6	*	0.0	28.2	*	14.3	31.7	*
Congestive Heart Failure	8	25.0	26.8	*	25.0	38.1	*	50.0	45.9	*
Pneumonia/Influenza	28	17.9	19.4	*	17.9	25.3	*	21.4	30.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.8	*	0.0	14.0	*	0.0	19.7	*
Transient Cerebral Ischemia	2	0.0	2.5	*	0.0	5.6	*	0.0	8.8	*
Stroke	9	44.4	26.2	*	55.6	33.7	*	66.7	38.5	*
Hip Fracture	0									
Sepsis	1	0.0	10.9	*	0.0	14.9	*	0.0	18.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	0.7	*	0.0	1.7	*	0.0	2.8	*
Cholecystectomy	1	0.0	0.8	*	0.0	1.7	*	0.0	2.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	176	10.2	13.6	4.9	17.6	19.3	5.5	23.3	23.9	3.7
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	24.7	*	33.3	27.7	*	33.3	31.1	*
Congestive Heart Failure	6	0.0	16.7	*	33.3	25.4	*	33.3	32.9	*
Pneumonia/Influenza	22	18.2	21.7	*	36.4	28.1	*	45.5	33.1	*
Chronic Obstructive Pulmonary Disease	6	0.0	6.9	*	0.0	12.6	*	0.0	17.9	*
Transient Cerebral Ischemia	3	0.0	3.2	*	0.0	7.2	*	33.3	11.7	*
Stroke	10	30.0	27.5	*	30.0	33.9	*	40.0	38.8	*
Hip Fracture	4	25.0	6.5	*	50.0	10.8	*	50.0	13.9	*
Sepsis	1	0.0	46.5	*	0.0	64.4	*	0.0	76.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	6.8	*	50.0	10.9	*	50.0	13.6	*
Open Reduction of Hip Fracture	0									
Prostatectomy	12	0.0	0.8	*	0.0	1.9	*	8.3	3.2	*
Cholecystectomy	1	0.0	1.8	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMFREY HOSPITAL INC

104 West Brown
Comfrey, MN 56019

Medicare Provider Number: 240192

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	48	6.3	9.1	*	6.3	13.4	*	12.5	16.7	*
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	22.0	*	100.0	25.0	*	100.0	29.2	*
Congestive Heart Failure	1	0.0	39.8	*	0.0	63.1	*	100.0	76.3	*
Pneumonia/Influenza	2	0.0	8.1	*	0.0	10.6	*	0.0	11.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	3	0.0	15.2	*	0.0	20.0	*	0.0	23.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	8
Occupancy Rate	38
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMFREY HOSPITAL INC

Medicare Provider Number: 240192

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	53	5.7	10.0	5.0	5.7	15.0	7.1	9.4	19.1	8.3
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	31.9	*	33.3	34.6	*	33.3	37.9	*
Congestive Heart Failure	4	0.0	15.5	*	0.0	23.8	*	0.0	30.8	*
Pneumonia/Influenza	5	0.0	18.2	*	0.0	24.5	*	0.0	29.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	11.1	*	0.0	16.8	*	0.0	20.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	2.2	*	0.0	6.2	*	0.0	11.3	*
Cholecystectomy	2	0.0	1.2	*	0.0	2.0	*	0.0	2.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	52	7.7	8.2	5.5	7.7	12.9	6.9	9.6	16.3	7.7
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	100.0	22.8	*	100.0	31.3	*	100.0	38.3	*
Pneumonia/Influenza	5	0.0	15.6	*	0.0	21.0	*	0.0	25.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	3.9	*	0.0	9.7	*	0.0	15.6	*
Stroke	1	0.0	18.1	*	0.0	23.1	*	0.0	27.6	*
Hip Fracture	1	0.0	4.5	*	0.0	8.0	*	0.0	10.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	1.1	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy	1	0.0	6.2	*	0.0	10.8	*	0.0	12.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY MEMORIAL HOSPITAL

Skyline Blvd
Cloquet, MN 55720

Medicare Provider Number: 240045

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	388	11.1	10.0	1.8	15.2	14.9	2.1	17.5	18.9	2.7
CONDITIONS:										
Acute Myocardial Infarction	25	20.0	27.2	*	28.0	30.8	*	28.0	34.5	*
Congestive Heart Failure	24	8.3	16.1	*	16.7	24.6	*	20.8	31.4	*
Pneumonia/Influenza	25	20.0	16.1	*	24.0	22.3	*	28.0	27.4	*
Chronic Obstructive Pulmonary Disease	12	25.0	9.1	*	33.3	14.7	*	33.3	19.5	*
Transient Cerebral Ischemia	6	16.7	1.4	*	16.7	3.1	*	16.7	4.8	*
Stroke	20	25.0	20.5	*	25.0	26.7	*	30.0	31.3	*
Hip Fracture	8	0.0	7.1	*	12.5	12.5	*	12.5	16.0	*
Sepsis	3	0.0	27.1	*	0.0	34.3	*	0.0	41.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.5	*	0.0	2.7	*	0.0	3.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	4.8	*	0.0	9.2	*	0.0	12.6	*
Open Reduction of Hip Fracture	1	0.0	11.0	*	0.0	19.8	*	0.0	24.9	*
Prostatectomy	0									
Cholecystectomy	8	0.0	2.9	*	12.5	5.6	*	12.5	7.5	*
Hysterectomy	1	0.0	1.6	*	0.0	4.0	*	0.0	6.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	165
Occupancy Rate	62
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	31
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 240045

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	287	10.5	11.2	2.5	14.6	16.1	3.1	19.5	20.0	3.1
CONDITIONS:										
Acute Myocardial Infarction	20	30.0	33.0	*	35.0	37.5	*	35.0	42.0	*
Congestive Heart Failure	14	14.3	13.1	*	42.9	19.9	*	50.0	25.9	*
Pneumonia/Influenza	21	23.8	19.0	*	28.6	25.4	*	28.6	30.3	*
Chronic Obstructive Pulmonary Disease	10	30.0	10.7	*	30.0	18.1	*	30.0	24.0	*
Transient Cerebral Ischemia	2	0.0	1.6	*	0.0	3.7	*	0.0	5.9	*
Stroke	15	20.0	23.1	*	20.0	29.3	*	26.7	33.9	*
Hip Fracture	4	0.0	10.1	*	0.0	18.3	*	25.0	23.3	*
Sepsis	5	0.0	26.6	*	0.0	33.0	*	20.0	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	5.9	*	0.0	11.4	*	50.0	15.5	*
Prostatectomy	0									
Cholecystectomy	3	0.0	2.0	*	0.0	2.8	*	0.0	3.4	*
Hysterectomy	1	0.0	8.5	*	0.0	13.5	*	0.0	20.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	301	14.0	11.3	2.6	16.9	16.3	3.5	21.6	20.3	2.5
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	27.1	*	30.8	31.4	*	30.8	35.6	*
Congestive Heart Failure	18	27.8	20.7	*	33.3	30.4	*	44.4	37.9	*
Pneumonia/Influenza	20	20.0	18.0	*	20.0	24.1	*	25.0	29.2	*
Chronic Obstructive Pulmonary Disease	9	11.1	9.4	*	11.1	16.6	*	11.1	22.4	*
Transient Cerebral Ischemia	1	0.0	1.5	*	0.0	3.1	*	0.0	4.9	*
Stroke	20	60.0	21.7	*	65.0	28.3	*	65.0	33.3	*
Hip Fracture	10	0.0	9.3	*	0.0	16.2	*	0.0	21.0	*
Sepsis	3	33.3	34.0	*	33.3	40.9	*	66.7	46.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	17.0	*	0.0	27.0	*	0.0	33.2	*
Open Reduction of Hip Fracture	5	0.0	9.0	*	0.0	16.6	*	0.0	21.7	*
Prostatectomy	0									
Cholecystectomy	4	0.0	1.7	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY MEMORIAL HOSPITAL

800 Memorial Dr
Spring Valley, MN 55975

Medicare Provider Number: 240105

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	109	10.1	13.3	3.9	17.4	19.4	5.2	21.1	24.1	4.4
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	23.0	*	20.0	27.1	*	40.0	31.3	*
Congestive Heart Failure	8	12.5	17.8	*	25.0	27.3	*	25.0	34.7	*
Pneumonia/Influenza	21	23.8	27.2	*	28.6	36.6	*	33.3	42.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	11.9	*	0.0	20.2	*	0.0	26.6	*
Transient Cerebral Ischemia	4	0.0	2.7	*	0.0	6.3	*	0.0	10.3	*
Stroke	5	0.0	24.8	*	20.0	32.0	*	20.0	37.0	*
Hip Fracture	1	0.0	2.9	*	0.0	6.2	*	0.0	9.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	74
Occupancy Rate	70
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 240105

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	128	8.6	10.3	3.9	13.3	15.7	5.6	15.6	20.0	6.0
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	23.1	*	16.7	26.9	*	16.7	31.0	*
Congestive Heart Failure	11	18.2	17.9	*	27.3	26.7	*	36.4	33.8	*
Pneumonia/Influenza	14	28.6	16.5	*	28.6	22.7	*	28.6	27.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	2.5	*	0.0	4.9	*	0.0	6.9	*
Transient Cerebral Ischemia	6	0.0	1.9	*	0.0	4.5	*	0.0	7.2	*
Stroke	2	0.0	21.5	*	0.0	27.6	*	0.0	32.5	*
Hip Fracture	0									
Sepsis	1	0.0	22.5	*	0.0	35.5	*	0.0	45.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	159	14.5	12.1	3.1	16.4	18.2	3.2	18.2	23.0	3.9
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	29.9	*	25.0	35.7	*	25.0	40.7	*
Congestive Heart Failure	6	16.7	17.5	*	16.7	27.0	*	16.7	34.8	*
Pneumonia/Influenza	15	26.7	18.8	*	26.7	24.8	*	33.3	30.0	*
Chronic Obstructive Pulmonary Disease	4	0.0	3.1	*	0.0	6.0	*	0.0	8.8	*
Transient Cerebral Ischemia	6	0.0	3.0	*	0.0	7.0	*	0.0	11.3	*
Stroke	9	22.2	27.2	*	44.4	34.6	*	55.6	40.3	*
Hip Fracture	0									
Sepsis	1	100.0	29.3	*	100.0	34.8	*	100.0	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY MEMORIAL HOSPITAL

1002 Comstock Drive
Deer River, MN 56636

Medicare Provider Number: 240154

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	106	6.6	11.0	3.4	8.5	16.1	4.4	15.1	20.1	6.1
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	16.5	*	25.0	22.5	*	25.0	26.8	*
Congestive Heart Failure	5	20.0	19.4	*	20.0	32.0	*	80.0	41.8	*
Pneumonia/Influenza	11	27.3	21.3	*	27.3	28.2	*	54.5	33.2	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.1	*	0.0	7.7	*	0.0	11.2	*
Transient Cerebral Ischemia	3	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Stroke	10	10.0	23.9	*	20.0	30.8	*	20.0	35.8	*
Hip Fracture	1	0.0	6.4	*	0.0	11.4	*	0.0	14.9	*
Sepsis	2	0.0	12.2	*	0.0	15.5	*	0.0	18.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	4.4	*	0.0	9.3	*	0.0	13.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	70
Occupancy Rate	83
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 240154

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	141	9.9	12.3	3.5	17.0	17.8	3.4	22.7	22.3	4.0
CONDITIONS:										
Acute Myocardial Infarction	11	0.0	22.9	*	18.2	26.5	*	36.4	30.3	*
Congestive Heart Failure	9	0.0	17.5	*	22.2	26.3	*	44.4	33.6	*
Pneumonia/Influenza	15	26.7	23.0	*	26.7	30.3	*	33.3	35.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.3	*	0.0	7.7	*	0.0	10.8	*
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	4.7	*	0.0	7.4	*
Stroke	9	11.1	20.9	*	11.1	26.7	*	22.2	31.1	*
Hip Fracture	0									
Sepsis	3	66.7	36.1	*	100.0	45.0	*	100.0	51.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.3	*	0.0	2.3	*	0.0	3.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	142	6.3	9.0	2.9	9.9	13.8	4.1	11.3	17.9	5.0
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	18.5	*	50.0	22.0	*	50.0	25.5	*
Congestive Heart Failure	11	18.2	14.2	*	27.3	22.2	*	27.3	29.1	*
Pneumonia/Influenza	8	25.0	18.9	*	37.5	25.8	*	37.5	30.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	3.4	*	0.0	8.1	*	0.0	12.7	*
Stroke	7	14.3	27.0	*	42.9	35.0	*	42.9	40.9	*
Hip Fracture	1	0.0	5.0	*	0.0	8.2	*	0.0	10.9	*
Sepsis	2	0.0	24.6	*	0.0	31.6	*	0.0	37.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY MEMORIAL HOSPITAL-ESRD

855 Mankato Avenue
Winona, MN 55987

Medicare Provider Number: 240044

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,037	9.7	9.4	1.0	14.1	14.2	1.1	16.6	18.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	45	20.0	24.8	*	24.4	28.2	*	24.4	31.7	*
Congestive Heart Failure	66	9.1	13.4	5.6	16.7	21.2	8.7	18.2	27.6	9.2
Pneumonia/Influenza	68	19.1	18.2	4.9	27.9	24.8	7.1	38.2	29.8	9.4
Chronic Obstructive Pulmonary Disease	20	5.0	4.9	*	15.0	9.5	*	15.0	13.9	*
Transient Cerebral Ischemia	10	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke	37	24.3	20.2	*	32.4	26.4	*	35.1	30.9	*
Hip Fracture	53	5.7	6.3	3.4	9.4	11.0	4.6	15.1	14.1	4.9
Sepsis	26	19.2	26.4	*	26.9	31.9	*	26.9	36.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.7	*	0.0	5.6	*	0.0	8.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	32	0.0	3.1	*	3.1	5.5	*	6.3	7.4	*
Open Reduction of Hip Fracture	31	6.5	6.4	*	9.7	11.8	*	16.1	15.2	*
Prostatectomy	21	0.0	1.3	*	0.0	3.1	*	0.0	5.0	*
Cholecystectomy	24	0.0	4.0	*	0.0	7.2	*	0.0	9.3	*
Hysterectomy	9	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	203
Occupancy Rate	73
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	37
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	0
Registered Nurses	98
Licensed Practical Nurses	40

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEMORIAL HOSPITAL-ESRD

Medicare Provider Number: 240044

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	986	7.4	9.6	1.5	12.4	14.4	1.6	15.3	18.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	32	18.8	31.1	*	31.3	34.7	*	31.3	38.6	*
Congestive Heart Failure	63	14.3	14.8	4.9	23.8	22.9	6.1	30.2	29.6	6.5
Pneumonia/Influenza	47	6.4	19.2	*	8.5	25.7	*	10.6	30.6	*
Chronic Obstructive Pulmonary Disease	14	7.1	12.2	*	21.4	19.8	*	21.4	25.3	*
Transient Cerebral Ischemia	10	0.0	2.1	*	0.0	4.2	*	0.0	6.6	*
Stroke	47	14.9	24.5	*	23.4	31.8	*	29.8	37.2	*
Hip Fracture	50	4.0	7.2	*	6.0	13.0	*	8.0	16.6	*
Sepsis	18	16.7	28.6	*	16.7	37.2	*	33.3	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.3	*	0.0	5.4	*	0.0	7.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	28	0.0	4.4	*	3.6	8.1	*	3.6	10.7	*
Open Reduction of Hip Fracture	27	3.7	7.0	*	3.7	13.3	*	7.4	17.4	*
Prostatectomy	26	0.0	1.3	*	3.8	3.3	*	3.8	5.8	*
Cholecystectomy	21	0.0	4.0	*	0.0	7.1	*	4.8	9.1	*
Hysterectomy	7	0.0	1.0	*	0.0	1.8	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,080	10.1	10.2	0.9	14.7	15.3	1.4	17.9	19.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	44	34.1	33.7	*	38.6	37.9	*	38.6	41.8	*
Congestive Heart Failure	61	21.3	16.4	6.5	29.5	24.0	7.5	39.3	30.6	10.4
Pneumonia/Influenza	42	14.3	17.7	*	19.0	23.8	*	19.0	28.7	*
Chronic Obstructive Pulmonary Disease	15	6.7	7.0	*	13.3	12.3	*	13.3	16.9	*
Transient Cerebral Ischemia	21	4.8	2.5	*	4.8	5.5	*	4.8	8.8	*
Stroke	51	21.6	22.9	9.0	25.5	29.1	9.6	27.5	33.8	11.7
Hip Fracture	38	2.6	6.5	*	7.9	11.8	*	10.5	15.4	*
Sepsis	8	12.5	29.5	*	37.5	39.9	*	37.5	47.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	3.7	*	10.0	7.2	*	10.0	10.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	5.6	4.8	*	5.6	8.6	*	11.1	11.3	*
Open Reduction of Hip Fracture	26	3.8	5.5	*	11.5	10.8	*	11.5	14.4	*
Prostatectomy	27	3.7	1.3	*	3.7	3.2	*	3.7	5.4	*
Cholecystectomy	23	4.3	2.5	*	4.3	4.0	*	4.3	5.0	*
Hysterectomy	2	0.0	0.6	*	0.0	1.2	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COOK COMMUNITY HOSPITAL

10 South Fifth Street East
Cook, MN 55723

Medicare Provider Number: 240200

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	65	13.8	11.9	10.3	18.5	17.4	10.4	20.0	21.8	7.1
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	29.9	*	33.3	32.8	*	33.3	36.8	*
Congestive Heart Failure	6	0.0	12.1	*	16.7	18.8	*	16.7	24.9	*
Pneumonia/Influenza	5	20.0	15.8	*	20.0	22.6	*	20.0	27.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.5	*	0.0	6.7	*	0.0	9.8	*
Transient Cerebral Ischemia	1	0.0	1.5	*	0.0	2.9	*	0.0	4.5	*
Stroke	7	28.6	18.7	*	42.9	24.3	*	42.9	28.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	55
Occupancy Rate	86
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COOK COMMUNITY HOSPITAL

Medicare Provider Number: 240200

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	72	12.5	12.2	4.2	15.3	17.0	5.6	18.1	21.1	6.1
CONDITIONS:										
Acute Myocardial Infarction	6	0.0	27.0	*	0.0	31.2	*	0.0	35.5	*
Congestive Heart Failure	5	60.0	12.1	*	60.0	18.7	*	60.0	24.7	*
Pneumonia/Influenza	6	0.0	18.4	*	33.3	24.2	*	33.3	28.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	4	0.0	2.7	*	0.0	6.5	*	0.0	10.7	*
Stroke	3	0.0	16.6	*	0.0	22.2	*	0.0	26.8	*
Hip Fracture	0									
Sepsis	1	0.0	33.6	*	0.0	39.9	*	0.0	47.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	33	9.1	11.1	*	12.1	16.4	*	15.2	20.8	*
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	18.4	*	0.0	21.0	*	0.0	24.1	*
Congestive Heart Failure	1	100.0	27.7	*	100.0	42.8	*	100.0	52.6	*
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.6	*	0.0	3.0	*	0.0	4.6	*
Stroke	1	0.0	24.6	*	0.0	30.5	*	0.0	35.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COOK COUNTY NORTH SHORE HOSPITAL

Gunflint Trail
Grand Marais, MN 55604

Medicare Provider Number: 240119

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	70	10.0	6.6	4.2	10.0	9.8	3.6	11.4	12.9	4.2
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	25.9	*	33.3	29.3	*	33.3	33.2	*
Congestive Heart Failure	4	25.0	14.0	*	25.0	21.6	*	25.0	28.0	*
Pneumonia/Influenza	5	40.0	11.8	*	40.0	16.2	*	40.0	20.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	1.3	*	0.0	2.8	*	0.0	4.5	*
Stroke	1	100.0	17.7	*	100.0	22.9	*	100.0	27.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	63
Occupancy Rate	71
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COOK COUNTY NORTH SHORE HOSPITAL

Medicare Provider Number: 240119

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	74	6.8	10.8	5.8	12.2	15.5	7.5	14.9	19.3	7.4
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	24.3	*	20.0	27.0	*	40.0	30.3	*
Congestive Heart Failure	5	0.0	17.7	*	0.0	26.7	*	0.0	34.1	*
Pneumonia/Influenza	7	14.3	20.6	*	14.3	30.2	*	14.3	36.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.6	*	0.0	11.1	*	0.0	15.6	*
Transient Cerebral Ischemia	0									
Stroke	4	0.0	21.1	*	0.0	27.0	*	0.0	31.7	*
Hip Fracture	1	0.0	6.3	*	0.0	12.1	*	0.0	15.8	*
Sepsis	2	50.0	35.0	*	50.0	47.9	*	50.0	57.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	84	4.8	9.4	4.6	8.3	13.5	5.1	11.9	16.9	4.9
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	34.6	*	0.0	37.2	*	0.0	40.6	*
Congestive Heart Failure	4	0.0	23.8	*	0.0	34.4	*	0.0	42.9	*
Pneumonia/Influenza	5	20.0	33.2	*	60.0	44.8	*	100.0	52.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	3	0.0	22.4	*	0.0	27.8	*	0.0	32.5	*
Hip Fracture	0									
Sepsis	1	100.0	31.8	*	100.0	38.7	*	100.0	45.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CUYUNA RANGE DISTRICT HOSPITAL

320 East Main Street
Crosby, MN 56441

Medicare Provider Number: 240137

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	342	7.9	11.3	3.4	12.9	16.9	4.5	18.7	21.3	3.7
CONDITIONS:										
Acute Myocardial Infarction	14	42.9	40.1	*	64.3	44.8	*	64.3	48.6	*
Congestive Heart Failure	20	30.0	15.1	*	40.0	23.4	*	55.0	30.3	*
Pneumonia/Influenza	37	8.1	24.1	*	16.2	31.8	*	27.0	37.4	*
Chronic Obstructive Pulmonary Disease	6	0.0	4.4	*	0.0	8.1	*	16.7	11.5	*
Transient Cerebral Ischemia	3	0.0	2.1	*	33.3	4.5	*	33.3	7.3	*
Stroke	16	12.5	21.7	*	12.5	28.8	*	18.8	33.7	*
Hip Fracture	4	0.0	3.5	*	0.0	6.5	*	0.0	8.7	*
Sepsis	3	0.0	30.6	*	0.0	44.2	*	0.0	52.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	2.6	*	0.0	4.8	*	0.0	6.6	*
Open Reduction of Hip Fracture	2	0.0	3.7	*	0.0	7.3	*	0.0	9.9	*
Prostatectomy	9	0.0	0.6	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	10	0.0	1.2	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	4	0.0	1.2	*	0.0	3.0	*	0.0	5.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	172
Occupancy Rate	79
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CUYUNA RANGE DISTRICT HOSPITAL

Medicare Provider Number: 240137

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	327	8.3	11.2	2.6	11.9	16.3	3.3	16.2	20.3	3.4
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	38.5	*	33.3	42.7	*	40.0	47.0	*
Congestive Heart Failure	17	17.6	17.6	*	29.4	26.8	*	47.1	33.8	*
Pneumonia/Influenza	36	16.7	17.8	*	22.2	23.7	*	25.0	28.4	*
Chronic Obstructive Pulmonary Disease	8	0.0	3.8	*	12.5	7.2	*	12.5	10.1	*
Transient Cerebral Ischemia	5	0.0	1.3	*	0.0	2.8	*	0.0	4.3	*
Stroke	9	0.0	19.0	*	0.0	24.7	*	11.1	29.2	*
Hip Fracture	10	10.0	8.2	*	10.0	14.9	*	10.0	19.2	*
Sepsis	1	0.0	13.6	*	0.0	18.2	*	0.0	22.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.3	*	0.0	4.8	*	0.0	7.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	8.2	*	14.3	15.8	*	14.3	20.8	*
Open Reduction of Hip Fracture	2	50.0	8.5	*	50.0	16.1	*	50.0	21.1	*
Prostatectomy	15	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	9	0.0	2.1	*	0.0	4.8	*	0.0	7.6	*
Hysterectomy	3	0.0	1.6	*	0.0	4.4	*	0.0	7.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	376	10.6	10.1	2.1	13.8	14.9	1.9	18.9	18.8	2.0
CONDITIONS:										
Acute Myocardial Infarction	18	16.7	34.6	*	16.7	38.8	*	22.2	42.5	*
Congestive Heart Failure	12	16.7	15.9	*	25.0	24.2	*	33.3	31.4	*
Pneumonia/Influenza	42	16.7	18.6	*	21.4	25.2	*	33.3	30.6	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.2	*	0.0	9.8	*	0.0	13.9	*
Transient Cerebral Ischemia	4	0.0	1.5	*	0.0	3.3	*	0.0	5.3	*
Stroke	9	33.3	23.4	*	44.4	29.0	*	44.4	33.6	*
Hip Fracture	10	10.0	10.9	*	10.0	19.6	*	20.0	25.0	*
Sepsis	2	50.0	36.9	*	50.0	42.2	*	50.0	48.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.1	*	0.0	5.6	*	0.0	7.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	12.3	*	0.0	22.4	*	0.0	28.6	*
Open Reduction of Hip Fracture	0									
Prostatectomy	13	0.0	0.5	*	7.7	1.2	*	7.7	2.1	*
Cholecystectomy	12	0.0	1.9	*	0.0	3.8	*	0.0	5.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Dedicated To You. Everyday.

January 15, 1991

Medicare Provider #: 240137

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert,

Regarding the information listed under hospital characteristics, the following should be clarified: The total facility has 172 beds, with 42 hospital beds and 130 nursing home beds. This information is delineated in the AHA Manual. The occupancy for the hospital has been approximately 26%.

Upon reviewing the mortality rates for the FY years reported, only FY 1989 showed an increase of the observed rate over the predicted rate for the conditions specified. All deaths listed were studied and the following observations made:

1. Many of the patients who expired were long term nursing home residents who were either transferred to the hospital for an acute exacerbation of a long term disease process and expired or;
2. Were patients who were transferred for treatment of an acute condition, returned to the nursing home and expired within 180 days.
3. One patient with the diagnosis of brain carcinoma, expired in a Swing Bed.
4. Upon comparing the diagnosis on the selected admission with the diagnosis at the time of death, very often the diagnoses were not the same. For example, a patient was admitted to the hospital with pneumonia but expired secondary to lung cancer.
5. 70% of our patient population is Medicare and with the attached nursing home, we have a high number of patients with chronic disease processes being treated in our hospital.
6. As there were fewer than 50 deaths in each category, the estimate of SD is uninterpretable. However in reviewing the number across the 3 year period reported, there is not a consistent pattern of higher than expected mortality over the three years.
7. All deaths occurring within the facility are reviewed through the Quality Management Program. All cases reviewed were reported to have appropriate treatment and many deaths were not unexpected due to the patients disease process.

Sincerely,

Sue Vincent, RRA
Director of Health Information

Crosby, Minnesota 56441, (218) 546-7000 FAX (218) 546-6091

DISTRICT MEMORIAL HOSPITAL

246 11th Avenue SE
Forest Lake, MN 55025

Medicare Provider Number: 240050

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	258	9.3	9.9	1.9	14.7	14.0	2.4	16.7	17.4	2.5
CONDITIONS:										
Acute Myocardial Infarction	14	42.9	35.5	*	42.9	38.2	*	42.9	41.7	*
Congestive Heart Failure	15	26.7	15.7	*	33.3	24.5	*	33.3	31.5	*
Pneumonia/Influenza	13	7.7	17.4	*	7.7	23.9	*	7.7	28.9	*
Chronic Obstructive Pulmonary Disease	7	0.0	7.4	*	42.9	15.8	*	42.9	23.3	*
Transient Cerebral Ischemia	2	0.0	1.5	*	0.0	3.1	*	0.0	4.9	*
Stroke	16	6.3	21.2	*	18.8	27.9	*	25.0	32.5	*
Hip Fracture	8	0.0	5.3	*	0.0	9.9	*	0.0	13.0	*
Sepsis	1	0.0	46.9	*	0.0	54.7	*	0.0	63.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.2	*	0.0	9.9	*	0.0	13.1	*
Open Reduction of Hip Fracture	5	0.0	4.9	*	0.0	9.7	*	0.0	13.0	*
Prostatectomy	7	0.0	0.5	*	0.0	1.1	*	0.0	2.0	*
Cholecystectomy	7	0.0	1.3	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	44
Occupancy Rate	30
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DISTRICT MEMORIAL HOSPITAL

Medicare Provider Number: 240050

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	196	11.2	9.2	2.7	14.8	13.3	3.0	20.4	16.7	3.7
CONDITIONS:										
Acute Myocardial Infarction	10	40.0	32.3	*	40.0	36.1	*	40.0	40.6	*
Congestive Heart Failure	12	8.3	14.4	*	33.3	21.6	*	41.7	27.7	*
Pneumonia/Influenza	13	30.8	14.9	*	46.2	20.0	*	53.8	24.3	*
Chronic Obstructive Pulmonary Disease	2	50.0	6.2	*	50.0	11.5	*	50.0	16.4	*
Transient Cerebral Ischemia	3	0.0	1.9	*	0.0	4.1	*	33.3	6.5	*
Stroke	9	44.4	18.6	*	44.4	25.3	*	44.4	30.0	*
Hip Fracture	7	0.0	8.0	*	0.0	14.9	*	14.3	19.4	*
Sepsis	3	33.3	31.7	*	33.3	36.9	*	33.3	42.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	8.4	*	0.0	16.6	*	0.0	22.2	*
Open Reduction of Hip Fracture	3	0.0	6.3	*	0.0	11.8	*	33.3	15.5	*
Prostatectomy	1	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy	4	0.0	4.5	*	25.0	10.1	*	25.0	14.5	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	222	9.0	9.5	5.2	17.1	13.9	4.7	19.4	17.5	4.8
CONDITIONS:										
Acute Myocardial Infarction	12	8.3	26.3	*	8.3	29.4	*	8.3	33.4	*
Congestive Heart Failure	12	16.7	15.8	*	33.3	24.4	*	41.7	31.2	*
Pneumonia/Influenza	15	0.0	17.8	*	40.0	24.2	*	46.7	29.0	*
Chronic Obstructive Pulmonary Disease	6	16.7	13.8	*	16.7	21.8	*	16.7	26.9	*
Transient Cerebral Ischemia	7	0.0	2.7	*	14.3	6.4	*	14.3	10.4	*
Stroke	10	30.0	15.8	*	40.0	20.9	*	50.0	24.9	*
Hip Fracture	9	0.0	7.4	*	0.0	13.6	*	0.0	17.8	*
Sepsis	3	66.7	40.2	*	66.7	46.5	*	66.7	53.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	6.2	*	0.0	13.6	*	0.0	20.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	9.2	*	0.0	17.4	*	0.0	22.9	*
Open Reduction of Hip Fracture	2	0.0	5.3	*	0.0	10.0	*	0.0	13.1	*
Prostatectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*
Cholecystectomy	3	0.0	2.5	*	0.0	5.2	*	0.0	7.4	*
Hysterectomy	2	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DIVINE PROVIDENCE HOSPITAL

312 E George St
Ivanhoe, MN 56142

Medicare Provider Number: 240184

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	136	14.0	12.4	6.3	19.9	17.9	7.1	24.3	22.2	6.6
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	43.2	*	60.0	46.8	*	60.0	49.8	*
Congestive Heart Failure	8	50.0	21.3	*	50.0	32.5	*	50.0	40.9	*
Pneumonia/Influenza	22	4.5	20.9	*	9.1	28.1	*	13.6	33.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.4	*	0.0	8.7	*	0.0	12.8	*
Transient Cerebral Ischemia	2	0.0	2.5	*	50.0	5.4	*	50.0	8.8	*
Stroke	6	16.7	25.0	*	66.7	32.4	*	83.3	38.0	*
Hip Fracture	2	0.0	5.1	*	0.0	8.4	*	0.0	10.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	6.1	*	0.0	10.1	*	0.0	12.4	*
Prostatectomy	7	0.0	1.0	*	14.3	2.7	*	14.3	4.9	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	79
Occupancy Rate	65
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DIVINE PROVIDENCE HOSPITAL

Medicare Provider Number: 240184

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	164	11.0	14.2	3.5	15.2	20.5	4.5	20.1	25.3	5.1
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	44.6	*	20.0	49.8	*	20.0	55.0	*
Congestive Heart Failure	10	10.0	20.2	*	20.0	29.5	*	50.0	36.6	*
Pneumonia/Influenza	21	23.8	24.6	*	33.3	32.2	*	33.3	37.4	*
Chronic Obstructive Pulmonary Disease	1	100.0	7.1	*	100.0	13.9	*	100.0	20.2	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke	9	55.6	43.4	*	55.6	54.9	*	55.6	61.2	*
Hip Fracture	5	0.0	12.8	*	20.0	23.3	*	20.0	29.7	*
Sepsis	1	0.0	28.4	*	0.0	33.8	*	0.0	40.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.8	*	0.0	7.9	*	0.0	11.0	*
Open Reduction of Hip Fracture	1	0.0	31.4	*	0.0	57.6	*	0.0	73.3	*
Prostatectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*
Cholecystectomy	2	0.0	3.5	*	0.0	6.0	*	0.0	7.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	148	12.2	12.8	3.7	14.2	18.2	4.7	20.3	22.8	6.1
CONDITIONS:										
Acute Myocardial Infarction	9	55.6	35.8	*	55.6	39.3	*	55.6	43.8	*
Congestive Heart Failure	8	12.5	20.7	*	25.0	31.1	*	25.0	38.9	*
Pneumonia/Influenza	10	10.0	19.0	*	10.0	25.3	*	20.0	30.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.6	*	0.0	12.0	*	0.0	16.7	*
Transient Cerebral Ischemia	5	0.0	2.8	*	0.0	6.4	*	0.0	10.1	*
Stroke	4	50.0	43.0	*	50.0	50.9	*	50.0	55.4	*
Hip Fracture	2	0.0	7.5	*	0.0	15.3	*	50.0	21.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	7.7	*	0.0	16.7	*	100.0	23.8	*
Prostatectomy	3	0.0	1.9	*	0.0	5.3	*	0.0	9.7	*
Cholecystectomy	2	0.0	4.3	*	0.0	7.8	*	50.0	10.1	*
Hysterectomy	2	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DIVINE REDEEMER MEMORIAL HOSPITAL

724 19th Ave North
South St Paul, MN 55075

Medicare Provider Number: 240003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	573	10.6	11.6	1.8	14.3	17.0	2.6	19.2	21.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	20	20.0	27.2	*	20.0	30.1	*	20.0	33.4	*
Congestive Heart Failure	34	11.8	14.4	*	17.6	21.8	*	29.4	28.2	*
Pneumonia/Influenza	23	13.0	19.9	*	13.0	27.4	*	21.7	32.8	*
Chronic Obstructive Pulmonary Disease	4	25.0	8.1	*	25.0	13.8	*	50.0	19.2	*
Transient Cerebral Ischemia	15	6.7	1.7	*	6.7	3.7	*	6.7	5.9	*
Stroke	22	31.8	24.6	*	36.4	30.5	*	36.4	35.2	*
Hip Fracture	24	0.0	6.5	*	8.3	11.3	*	16.7	14.4	*
Sepsis	7	28.6	32.7	*	57.1	42.6	*	71.4	49.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	33.3	7.3	*	33.3	11.1	*	33.3	13.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	0.0	2.5	*	7.7	4.5	*	15.4	5.9	*
Open Reduction of Hip Fracture	14	0.0	5.4	*	7.1	10.2	*	14.3	13.5	*
Prostatectomy	20	0.0	0.7	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy	16	0.0	1.8	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	2	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	95
Occupancy Rate	45
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	62
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	101
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

DIVINE REDEEMER MEMORIAL HOSPITAL

Medicare Provider Number: 240003

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	556	9.4	10.1	2.0	13.1	14.5	2.3	17.1	18.0	2.1
CONDITIONS:										
Acute Myocardial Infarction	28	35.7	30.0	*	35.7	33.6	*	39.3	37.2	*
Congestive Heart Failure	19	15.8	16.0	*	31.6	24.0	*	47.4	30.6	*
Pneumonia/Influenza	22	9.1	20.2	*	22.7	27.4	*	36.4	32.8	*
Chronic Obstructive Pulmonary Disease	7	0.0	9.6	*	0.0	15.5	*	0.0	20.6	*
Transient Cerebral Ischemia	12	0.0	2.5	*	0.0	5.4	*	0.0	8.5	*
Stroke	23	30.4	23.2	*	30.4	28.9	*	30.4	33.4	*
Hip Fracture	18	5.6	6.7	*	5.6	12.0	*	5.6	15.4	*
Sepsis	7	14.3	29.1	*	28.6	35.5	*	28.6	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	6.1	*	0.0	9.9	*	0.0	13.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	6.3	5.0	*	6.3	9.1	*	6.3	11.6	*
Open Reduction of Hip Fracture	5	0.0	5.5	*	0.0	10.8	*	0.0	14.5	*
Prostatectomy	21	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Cholecystectomy	15	6.7	2.1	*	6.7	4.1	*	6.7	5.6	*
Hysterectomy	5	0.0	0.9	*	20.0	2.2	*	20.0	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	453	10.6	10.0	1.6	14.3	14.6	1.7	18.3	18.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	24	25.0	31.8	*	25.0	34.8	*	29.2	38.0	*
Congestive Heart Failure	30	26.7	16.9	*	43.3	25.3	*	43.3	32.3	*
Pneumonia/Influenza	19	21.1	19.3	*	31.6	25.6	*	31.6	30.5	*
Chronic Obstructive Pulmonary Disease	8	0.0	9.9	*	12.5	16.8	*	12.5	21.9	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	3.6	*	0.0	5.6	*
Stroke	17	29.4	29.7	*	29.4	36.4	*	35.3	41.4	*
Hip Fracture	6	0.0	5.1	*	0.0	9.5	*	0.0	12.8	*
Sepsis	1	100.0	43.7	*	100.0	50.4	*	100.0	58.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.3	*	0.0	4.4	*	0.0	6.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	2.5	*	16.7	5.1	*	16.7	7.2	*
Open Reduction of Hip Fracture	2	0.0	5.2	*	0.0	9.3	*	0.0	12.0	*
Prostatectomy	23	4.3	0.7	*	4.3	1.7	*	8.7	2.7	*
Cholecystectomy	13	7.7	4.5	*	15.4	9.2	*	15.4	12.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DOUGLAS COUNTY HOSPITAL

111 17th Avenue East
Alexandria, MN 56308

Medicare Provider Number: 240030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,200	6.9	6.3	1.4	11.0	9.9	1.4	14.4	12.9	1.4
CONDITIONS:										
Acute Myocardial Infarction	49	30.6	24.6	*	34.7	27.8	*	36.7	31.1	*
Congestive Heart Failure	42	7.1	12.6	*	11.9	20.7	*	19.0	27.3	*
Pneumonia/Influenza	48	10.4	11.4	*	16.7	16.6	*	16.7	20.6	*
Chronic Obstructive Pulmonary Disease	15	6.7	4.9	*	6.7	9.6	*	20.0	14.0	*
Transient Cerebral Ischemia	8	0.0	1.8	*	12.5	4.0	*	12.5	6.4	*
Stroke	47	19.1	16.7	*	23.4	23.1	*	25.5	27.5	*
Hip Fracture	62	4.8	3.5	2.8	9.7	6.7	5.0	12.9	9.0	7.0
Sepsis	8	37.5	25.4	*	50.0	35.6	*	62.5	43.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	10.0	4.5	*	20.0	7.5	*	30.0	9.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	56	0.0	1.5	2.1	1.8	3.0	2.8	3.6	4.3	3.1
Open Reduction of Hip Fracture	29	3.4	3.1	*	6.9	6.3	*	10.3	8.7	*
Prostatectomy	95	1.1	0.6	1.0	1.1	1.5	1.3	1.1	2.5	2.0
Cholecystectomy	52	1.9	2.2	2.9	1.9	4.2	4.0	1.9	5.8	4.7
Hysterectomy	16	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	106
Occupancy Rate	45
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	40
Percent of Physicians Board Certified Specialists	95
Medical Residents/Interns	0
Registered Nurses	100
Licensed Practical Nurses	31

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DOUGLAS COUNTY HOSPITAL

Medicare Provider Number: 240030

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	945	9.2	6.8	1.4	13.1	10.6	1.5	16.5	13.7	1.7
CONDITIONS:										
Acute Myocardial Infarction	40	20.0	23.0	*	25.0	26.3	*	27.5	29.7	*
Congestive Heart Failure	43	18.6	14.7	*	25.6	23.3	*	30.2	30.6	*
Pneumonia/Influenza	44	18.2	15.7	*	27.3	22.6	*	40.9	27.8	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.7	*	0.0	9.6	*	0.0	12.8	*
Transient Cerebral Ischemia	11	0.0	1.7	*	0.0	3.7	*	9.1	5.8	*
Stroke	28	28.6	19.6	*	28.6	26.1	*	28.6	31.0	*
Hip Fracture	44	2.3	2.9	*	4.5	5.9	*	6.8	8.0	*
Sepsis	10	0.0	27.3	*	20.0	36.6	*	30.0	44.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	7.4	*	0.0	10.0	*	9.1	12.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	37	0.0	1.9	*	2.7	4.1	*	5.4	6.1	*
Open Reduction of Hip Fracture	28	3.6	2.4	*	3.6	5.0	*	3.6	7.0	*
Prostatectomy	72	1.4	0.6	1.1	2.8	1.6	1.8	4.2	2.8	2.6
Cholecystectomy	28	3.6	3.4	*	7.1	6.6	*	14.3	9.3	*
Hysterectomy	17	0.0	0.7	*	0.0	1.6	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	678	10.6	11.3	2.0	14.0	16.7	1.8	17.0	21.0	2.2
CONDITIONS:										
Acute Myocardial Infarction	34	23.5	29.2	*	26.5	33.0	*	26.5	36.9	*
Congestive Heart Failure	33	15.2	17.0	*	24.2	25.1	*	24.2	31.8	*
Pneumonia/Influenza	20	5.0	20.7	*	15.0	28.2	*	20.0	34.3	*
Chronic Obstructive Pulmonary Disease	4	25.0	12.6	*	25.0	22.4	*	25.0	29.4	*
Transient Cerebral Ischemia	5	0.0	2.5	*	0.0	5.6	*	20.0	9.1	*
Stroke	32	46.9	30.2	*	50.0	37.8	*	53.1	43.3	*
Hip Fracture	34	2.9	6.3	*	5.9	11.8	*	5.9	15.6	*
Sepsis	15	26.7	29.5	*	26.7	37.6	*	26.7	44.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.6	*	0.0	7.7	*	0.0	11.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	38	0.0	1.9	*	2.6	3.7	*	2.6	5.2	*
Open Reduction of Hip Fracture	21	4.8	6.3	*	4.8	12.3	*	4.8	16.6	*
Prostatectomy	59	3.4	1.1	2.3	5.1	2.8	3.2	6.8	4.7	4.2
Cholecystectomy	22	4.5	4.3	*	4.5	7.4	*	4.5	9.5	*
Hysterectomy	6	0.0	0.9	*	0.0	1.8	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DR HENRY SCHMIDT MEMORIAL HOSPITAL

920 Bell Ave
Westbrook, MN 56183

Medicare Provider Number: 240125

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	88	10.2	12.5	5.1	13.6	17.7	6.1	19.3	21.8	5.1
CONDITIONS:										
Acute Myocardial Infarction	5	0.0	31.1	*	20.0	34.2	*	20.0	37.5	*
Congestive Heart Failure	0									
Pneumonia/Influenza	16	25.0	27.1	*	37.5	35.9	*	50.0	41.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.5	*	0.0	7.2	*	0.0	10.8	*
Transient Cerebral Ischemia	1	0.0	1.9	*	0.0	4.7	*	0.0	7.7	*
Stroke	4	0.0	28.4	*	0.0	35.7	*	0.0	40.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.7	*	0.0	4.5	*	0.0	7.9	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds	13
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	4
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

DR HENRY SCHMIDT MEMORIAL HOSPITAL

Medicare Provider Number: 240125

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	70	15.7	14.0	4.6	20.0	21.2	5.4	28.6	26.4	5.5
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	22.0	*	33.3	25.8	*	33.3	29.3	*
Congestive Heart Failure	8	25.0	27.6	*	37.5	40.2	*	50.0	49.0	*
Pneumonia/Influenza	3	33.3	22.2	*	33.3	31.3	*	33.3	36.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	3	33.3	22.3	*	33.3	28.4	*	100.0	33.4	*
Hip Fracture	2	0.0	8.8	*	0.0	17.7	*	0.0	23.8	*
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	1.0	*	0.0	2.3	*	0.0	3.6	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	64	9.4	12.6	4.9	18.8	18.8	5.0	21.9	23.3	6.0
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	22.2	*	28.6	25.5	*	42.9	28.9	*
Congestive Heart Failure	4	0.0	14.2	*	0.0	21.3	*	0.0	27.7	*
Pneumonia/Influenza	7	14.3	18.6	*	28.6	26.2	*	28.6	31.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	2.7	*	0.0	5.8	*	0.0	9.4	*
Stroke	3	0.0	29.7	*	0.0	40.6	*	0.0	46.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.6	*	0.0	1.1	*	0.0	1.9	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.9	*	0.0	1.4	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ELY BLOOMENSON COMMUNITY HOSPITAL

328 W Conan Street
Ely, MN 55731

Medicare Provider Number: 240155

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	126	15.1	12.7	7.5	21.4	18.2	10.8	27.0	22.3	13.0
CONDITIONS:										
Acute Myocardial Infarction	12	16.7	25.5	*	16.7	30.5	*	16.7	34.6	*
Congestive Heart Failure	9	0.0	13.8	*	11.1	21.3	*	22.2	27.7	*
Pneumonia/Influenza	5	0.0	17.5	*	0.0	23.9	*	20.0	28.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.9	*	0.0	4.2	*	0.0	6.7	*
Stroke	9	11.1	19.5	*	22.2	26.1	*	22.2	30.6	*
Hip Fracture	0									
Sepsis	2	0.0	37.1	*	50.0	48.8	*	50.0	58.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.5	*	0.0	2.4	*	0.0	3.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	138
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ELY BLOOMENSON COMMUNITY HOSPITAL

Medicare Provider Number: 240155

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	132	15.9	12.4	3.3	19.7	18.3	3.4	21.2	22.9	3.7
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	29.9	*	33.3	34.5	*	33.3	39.3	*
Congestive Heart Failure	9	22.2	12.4	*	22.2	18.5	*	22.2	24.1	*
Pneumonia/Influenza	6	16.7	17.6	*	16.7	23.2	*	16.7	27.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	6	0.0	1.7	*	16.7	4.0	*	16.7	6.5	*
Stroke	7	28.6	19.3	*	28.6	27.0	*	28.6	31.8	*
Hip Fracture	1	0.0	3.2	*	0.0	6.1	*	0.0	8.1	*
Sepsis	1	0.0	6.2	*	0.0	9.1	*	0.0	12.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	139	12.9	10.8	3.2	15.8	15.6	3.2	20.1	19.5	3.6
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	31.8	*	50.0	35.7	*	50.0	39.1	*
Congestive Heart Failure	8	12.5	18.6	*	37.5	28.3	*	50.0	36.2	*
Pneumonia/Influenza	9	11.1	18.8	*	22.2	24.7	*	22.2	29.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.3	*	0.0	6.7	*	0.0	9.9	*
Transient Cerebral Ischemia	3	0.0	1.9	*	0.0	3.9	*	0.0	6.1	*
Stroke	9	22.2	21.4	*	22.2	28.2	*	33.3	32.4	*
Hip Fracture	1	0.0	3.9	*	0.0	7.0	*	0.0	9.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

EVELETH FITZGERALD COMMUNITY HOSPITAL

227 McKinley Avenue
Eveleth, MN 55734

Medicare Provider Number: 240176

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	10	10.0	9.4	*	10.0	14.8	*	10.0	19.5	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	3	33.3	13.6	*	33.3	22.2	*	33.3	29.3	*
Pneumonia/Influenza	2	0.0	12.6	*	0.0	17.3	*	0.0	21.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	17.6	*	0.0	23.9	*	0.0	28.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	48
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

EVELETH FITZGERALD COMMUNITY HOSPITAL

Medicare Provider Number: 240176

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	15	6.7	10.5	*	26.7	17.3	*	40.0	23.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	11.0	*	0.0	15.5	*	0.0	18.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	39	15.4	13.3	*	20.5	20.4	*	35.9	25.1	*
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	32.7	*	100.0	36.1	*	100.0	40.9	*
Congestive Heart Failure	2	0.0	17.8	*	0.0	27.7	*	50.0	35.2	*
Pneumonia/Influenza	4	25.0	15.2	*	25.0	20.6	*	25.0	25.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	11.1	*	0.0	15.9	*	0.0	19.7	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	34.6	*	0.0	49.0	*	100.0	54.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.2	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FAIRMONT COMMUNITY HOSPITAL

835 Johnson Street
Fairmont, MN 56031

Medicare Provider Number: 240166

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	570	12.1	11.7	2.1	15.3	17.0	1.7	17.4	21.3	3.6
CONDITIONS:										
Acute Myocardial Infarction	35	14.3	26.1	*	17.1	31.3	*	17.1	36.0	*
Congestive Heart Failure	22	9.1	16.8	*	13.6	26.1	*	18.2	33.4	*
Pneumonia/Influenza	26	19.2	17.7	*	23.1	24.4	*	26.9	29.4	*
Chronic Obstructive Pulmonary Disease	1	100.0	9.1	*	100.0	17.9	*	100.0	25.3	*
Transient Cerebral Ischemia	9	0.0	2.0	*	0.0	4.6	*	0.0	7.1	*
Stroke	24	37.5	27.4	*	37.5	34.1	*	37.5	39.5	*
Hip Fracture	20	15.0	9.8	*	20.0	17.0	*	25.0	22.2	*
Sepsis	3	0.0	21.0	*	0.0	30.3	*	0.0	37.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	7.6	*	0.0	12.5	*	0.0	15.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	13	23.1	8.5	*	23.1	15.5	*	30.8	20.6	*
Prostatectomy	63	1.6	1.0	1.4	4.8	2.4	3.0	4.8	4.1	2.6
Cholecystectomy	23	0.0	4.2	*	0.0	6.9	*	0.0	8.8	*
Hysterectomy	9	0.0	1.2	*	0.0	2.4	*	0.0	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	114
Occupancy Rate	55
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	19
Medical Residents/Interns	0
Registered Nurses	32
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FAIRMONT COMMUNITY HOSPITAL

Medicare Provider Number: 240166

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	615	10.1	10.7	1.3	14.3	16.0	1.8	16.3	20.3	1.9
CONDITIONS:										
Acute Myocardial Infarction	35	34.3	32.0	*	37.1	37.5	*	40.0	42.3	*
Congestive Heart Failure	25	16.0	20.5	*	16.0	30.2	*	16.0	38.0	*
Pneumonia/Influenza	38	10.5	20.6	*	15.8	27.7	*	15.8	33.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	18.7	*	0.0	30.2	*	50.0	38.1	*
Transient Cerebral Ischemia	11	9.1	3.9	*	18.2	9.2	*	27.3	14.5	*
Stroke	18	27.8	26.7	*	27.8	33.9	*	33.3	39.4	*
Hip Fracture	19	5.3	8.5	*	21.1	16.1	*	21.1	21.6	*
Sepsis	3	66.7	32.1	*	100.0	42.6	*	100.0	50.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	11.0	*	0.0	18.6	*	0.0	24.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	0.0	6.2	*	0.0	12.8	*	0.0	17.8	*
Prostatectomy	80	0.0	1.4	2.0	1.2	3.4	3.4	5.0	5.6	3.3
Cholecystectomy	21	0.0	3.3	*	0.0	5.3	*	0.0	6.7	*
Hysterectomy	4	0.0	0.5	*	0.0	1.1	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	568	11.4	10.3	1.6	15.3	14.9	1.6	18.3	18.7	1.7
CONDITIONS:										
Acute Myocardial Infarction	37	37.8	29.3	*	43.2	33.4	*	43.2	37.2	*
Congestive Heart Failure	15	20.0	17.5	*	46.7	26.0	*	46.7	32.9	*
Pneumonia/Influenza	31	16.1	19.8	*	25.8	26.0	*	38.7	30.7	*
Chronic Obstructive Pulmonary Disease	5	0.0	9.0	*	0.0	15.1	*	20.0	20.2	*
Transient Cerebral Ischemia	7	0.0	2.4	*	0.0	5.5	*	0.0	8.9	*
Stroke	24	29.2	27.2	*	37.5	33.8	*	37.5	38.7	*
Hip Fracture	24	4.2	8.8	*	12.5	15.6	*	12.5	20.0	*
Sepsis	2	0.0	27.7	*	0.0	32.4	*	0.0	38.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	9.6	*	20.0	13.8	*	20.0	16.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	6.0	*	0.0	9.8	*	0.0	12.0	*
Prostatectomy	68	0.0	0.9	1.3	0.0	2.1	2.3	1.5	3.6	3.0
Cholecystectomy	14	0.0	1.8	*	0.0	2.9	*	0.0	3.7	*
Hysterectomy	10	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FAIRVIEW MILACA HOSPITAL

150 NW Tenth Street
Milaca, MN 56353

Medicare Provider Number: 240183

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	196	10.7	11.0	3.4	14.3	16.5	3.9	17.9	20.5	3.8
CONDITIONS:										
Acute Myocardial Infarction	10	10.0	25.0	*	10.0	28.2	*	10.0	32.0	*
Congestive Heart Failure	13	15.4	15.7	*	15.4	23.1	*	15.4	29.3	*
Pneumonia/Influenza	14	14.3	16.8	*	14.3	22.5	*	14.3	27.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.0	*	0.0	12.8	*	0.0	17.8	*
Transient Cerebral Ischemia	2	0.0	2.0	*	0.0	4.1	*	0.0	6.5	*
Stroke	8	12.5	17.3	*	12.5	22.1	*	25.0	26.1	*
Hip Fracture	2	0.0	9.6	*	0.0	15.9	*	0.0	19.4	*
Sepsis	1	0.0	16.5	*	100.0	24.0	*	100.0	28.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	7.7	*	0.0	13.6	*	0.0	17.2	*
Prostatectomy	17	5.9	0.5	*	5.9	1.3	*	5.9	2.2	*
Cholecystectomy	4	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	41
Occupancy Rate	15
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FAIRVIEW MILACA HOSPITAL

Medicare Provider Number: 240183

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	151	9.9	13.0	4.8	15.9	19.2	5.1	21.9	23.6	4.2
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	33.2	*	16.7	36.5	*	16.7	40.1	*
Congestive Heart Failure	14	14.3	19.7	*	21.4	30.2	*	35.7	38.1	*
Pneumonia/Influenza	19	15.8	19.3	*	26.3	25.6	*	42.1	30.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.7	*	0.0	7.3	*	0.0	10.7	*
Transient Cerebral Ischemia	0									
Stroke	6	16.7	28.6	*	16.7	36.4	*	16.7	41.5	*
Hip Fracture	6	16.7	6.6	*	16.7	12.4	*	33.3	16.3	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	4.6	*	0.0	9.6	*	0.0	13.1	*
Open Reduction of Hip Fracture	2	0.0	4.2	*	0.0	8.5	*	0.0	11.7	*
Prostatectomy	10	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	158	13.3	11.4	3.0	15.8	16.3	3.1	19.0	20.2	3.4
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	34.7	*	45.5	38.1	*	45.5	42.0	*
Congestive Heart Failure	12	41.7	20.2	*	50.0	30.5	*	58.3	38.7	*
Pneumonia/Influenza	15	26.7	17.0	*	26.7	22.7	*	26.7	27.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.7	*	0.0	7.8	*	0.0	11.7	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	3.5	*	0.0	5.4	*
Stroke	7	28.6	21.5	*	28.6	27.4	*	28.6	32.3	*
Hip Fracture	5	0.0	4.2	*	0.0	7.7	*	0.0	10.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	0.9	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy	2	0.0	3.7	*	0.0	9.1	*	0.0	15.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FAIRVIEW PRINCETON HOSPITAL

704 First Street
Princeton, MN 55371

Medicare Provider Number: 240141

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	285	6.0	8.0	2.6	8.4	12.3	4.0	11.6	15.9	4.2
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	34.8	*	50.0	40.0	*	50.0	44.5	*
Congestive Heart Failure	15	6.7	14.5	*	6.7	22.5	*	20.0	29.2	*
Pneumonia/Influenza	21	9.5	17.3	*	9.5	23.1	*	19.0	27.8	*
Chronic Obstructive Pulmonary Disease	5	0.0	5.4	*	0.0	10.2	*	20.0	14.5	*
Transient Cerebral Ischemia	7	0.0	2.3	*	0.0	5.3	*	14.3	8.6	*
Stroke	7	14.3	24.8	*	14.3	31.6	*	14.3	36.8	*
Hip Fracture	6	16.7	7.5	*	16.7	13.8	*	16.7	18.0	*
Sepsis	2	0.0	27.6	*	0.0	34.7	*	0.0	41.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	5.6	*	0.0	11.2	*	0.0	15.0	*
Prostatectomy	6	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy	6	0.0	1.7	*	0.0	2.7	*	0.0	3.3	*
Hysterectomy	1	0.0	0.5	*	0.0	1.0	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	35
Occupancy Rate	37
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	39
Percent of Physicians Board Certified Specialists	95
Medical Residents/Interns	0
Registered Nurses	29
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FAIRVIEW PRINCETON HOSPITAL

Medicare Provider Number: 240141

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	186	12.9	11.0	2.8	18.3	16.3	3.1	21.0	20.5	4.0
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	42.0	*	20.0	45.7	*	20.0	50.1	*
Congestive Heart Failure	9	22.2	22.5	*	55.6	34.3	*	55.6	43.0	*
Pneumonia/Influenza	13	23.1	21.8	*	30.8	30.1	*	38.5	36.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.3	*	0.0	9.1	*	0.0	13.6	*
Transient Cerebral Ischemia	3	0.0	2.5	*	0.0	6.1	*	0.0	9.8	*
Stroke	2	50.0	15.1	*	50.0	19.7	*	50.0	23.7	*
Hip Fracture	8	0.0	6.3	*	0.0	12.0	*	0.0	16.1	*
Sepsis	2	50.0	36.1	*	50.0	42.4	*	50.0	49.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	4.6	*	0.0	9.0	*	0.0	12.1	*
Prostatectomy	8	0.0	0.5	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	3	0.0	5.2	*	0.0	9.2	*	0.0	11.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	183	12.6	10.4	2.9	16.9	16.0	2.9	19.7	20.5	3.8
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	35.7	*	16.7	40.0	*	16.7	43.6	*
Congestive Heart Failure	11	27.3	16.9	*	36.4	26.2	*	36.4	33.7	*
Pneumonia/Influenza	17	47.1	23.0	*	52.9	30.6	*	52.9	36.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.6	*	0.0	5.1	*	0.0	7.3	*
Transient Cerebral Ischemia	5	0.0	2.5	*	0.0	5.6	*	0.0	9.1	*
Stroke	1	0.0	37.2	*	0.0	44.2	*	0.0	50.5	*
Hip Fracture	5	0.0	11.1	*	0.0	20.9	*	20.0	27.2	*
Sepsis	2	50.0	40.4	*	100.0	52.8	*	100.0	60.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	16.1	*	0.0	31.0	*	50.0	40.3	*
Open Reduction of Hip Fracture	1	0.0	8.4	*	0.0	17.5	*	0.0	24.8	*
Prostatectomy	4	0.0	0.4	*	0.0	0.9	*	0.0	1.6	*
Cholecystectomy	3	0.0	4.7	*	0.0	10.1	*	0.0	14.6	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FAIRVIEW RIDGES HOSPITAL

201 Nicollet Boulevard
Burnsville, MN 55337

Medicare Provider Number: 240207

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	578	9.7	8.3	2.3	13.5	12.3	2.8	16.8	15.5	3.7
CONDITIONS:										
Acute Myocardial Infarction	32	15.6	23.6	*	15.6	26.5	*	18.8	29.7	*
Congestive Heart Failure	27	11.1	15.5	*	25.9	24.0	*	33.3	30.9	*
Pneumonia/Influenza	27	22.2	14.6	*	33.3	20.3	*	33.3	24.9	*
Chronic Obstructive Pulmonary Disease	9	22.2	5.7	*	22.2	10.6	*	33.3	15.0	*
Transient Cerebral Ischemia	13	0.0	2.3	*	7.7	5.3	*	7.7	8.6	*
Stroke	20	20.0	19.2	*	30.0	25.7	*	35.0	30.0	*
Hip Fracture	20	10.0	6.0	*	10.0	10.8	*	10.0	14.0	*
Sepsis	7	0.0	32.2	*	0.0	37.0	*	14.3	42.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.1	*	0.0	2.5	*	100.0	3.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	0.0	1.7	*	0.0	3.3	*	0.0	4.5	*
Open Reduction of Hip Fracture	9	0.0	5.5	*	0.0	10.3	*	0.0	13.6	*
Prostatectomy	16	0.0	0.3	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy	14	7.1	4.4	*	7.1	5.9	*	7.1	6.6	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	142
Occupancy Rate	56
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	172
Percent of Physicians Board Certified Specialists	95
Medical Residents/Interns	0
Registered Nurses	148
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FAIRVIEW RIDGES HOSPITAL

Medicare Provider Number: 240207

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	429	11.4	9.1	2.9	15.2	13.3	2.9	17.7	16.6	2.8
CONDITIONS:										
Acute Myocardial Infarction	22	31.8	24.9	*	31.8	27.6	*	36.4	30.6	*
Congestive Heart Failure	19	15.8	18.2	*	21.1	28.1	*	26.3	36.1	*
Pneumonia/Influenza	25	12.0	14.6	*	20.0	19.8	*	24.0	24.0	*
Chronic Obstructive Pulmonary Disease	1	100.0	5.4	*	100.0	9.4	*	100.0	13.4	*
Transient Cerebral Ischemia	15	6.7	1.8	*	13.3	3.8	*	13.3	5.9	*
Stroke	29	24.1	19.1	*	27.6	26.2	*	27.6	31.0	*
Hip Fracture	14	0.0	5.6	*	0.0	10.6	*	7.1	13.8	*
Sepsis	3	33.3	38.8	*	33.3	44.5	*	33.3	51.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	5.9	*	0.0	11.5	*	0.0	16.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	0.0	2.5	*	0.0	5.0	*	0.0	6.8	*
Open Reduction of Hip Fracture	7	0.0	5.4	*	0.0	10.3	*	14.3	13.5	*
Prostatectomy	4	0.0	0.6	*	0.0	1.5	*	0.0	2.6	*
Cholecystectomy	11	18.2	3.2	*	27.3	6.5	*	36.4	9.3	*
Hysterectomy	4	0.0	0.9	*	0.0	2.0	*	0.0	3.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	339	7.7	7.6	2.1	13.0	11.2	2.5	15.3	14.3	2.6
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	18.2	*	38.5	21.1	*	38.5	24.3	*
Congestive Heart Failure	19	10.5	15.5	*	15.8	23.4	*	26.3	30.0	*
Pneumonia/Influenza	22	0.0	13.0	*	13.6	17.6	*	18.2	21.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	18.5	*	100.0	23.8	*	100.0	29.1	*
Transient Cerebral Ischemia	8	0.0	2.8	*	25.0	6.3	*	25.0	9.8	*
Stroke	10	30.0	18.3	*	30.0	24.3	*	40.0	28.6	*
Hip Fracture	13	7.7	5.5	*	15.4	10.2	*	15.4	13.4	*
Sepsis	3	33.3	21.0	*	33.3	28.6	*	66.7	36.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	4.6	*	18.2	9.1	*	18.2	12.4	*
Open Reduction of Hip Fracture	2	0.0	4.1	*	0.0	8.3	*	0.0	11.6	*
Prostatectomy	7	0.0	0.6	*	0.0	1.5	*	0.0	2.6	*
Cholecystectomy	11	0.0	1.4	*	18.2	2.6	*	18.2	3.6	*
Hysterectomy	2	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

69.1

Fairview Ridges Hospital
A Division of Fairview

201 Nicollet Boulevard
Burnsville, MN 55337
612-892-2000
Fax 612-892-2107

Medicare Provider Number: 240207

January 11, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs Sandra Kappert
2 - D - 2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Fairview Ridges Hospital is pleased to respond to your release of 1989 Medicare Mortality Data, received from you in December 1990.

The data for Fairview Ridges Hospital has been verified for accuracy and appears to be an accurate reflection of mortality for Fairview Ridges Hospital.

Upon reviewing the overall Medicare mortality rate, I am pleased to note that the rate is slightly lower than it was in 1988. Also, I noted that the observed rate is only slightly higher than the predicted rate and that this difference is not statistically significant.

In analyzing the mortality rates under the various medical and surgical procedure categories I noted that the observed mortality rates were lower than the predicted rates for nine categories and higher than predicted for five categories. These differences are not significant since we have too few cases in all categories.

As with previous HCFA mortality data from you, our medical staff will undertake a review of this data and thoroughly investigate any categories showing increases in mortality rates. Each death is thoroughly reviewed as part of our Quality Assurance Program.

Other general comments to you regarding the release of this data include:

1. Hospital mortality rates as listed are not a measure of quality. Measurement of quality should include true severity indexing and be based on comparisons to agreed upon performance measures.

2. While we recognize that HCFA used a new model to predict the probability of death, the model is still predicting rates without adequate clinical data.

3. We feel that this data is useful to the hospital and its medical staff where we have staff with the expertise to interpret the information. We are concerned about the release of this data to lay people who could easily misinterpret this information. We feel that release of such information may lead to increased confusion regarding quality on the part of the public.

4. We appreciate the improvements made in the model and presentation of the data but believe that the model should also address the issue of small numbers.

We appreciate the opportunity to respond to this data prior to the public release.

Sincerely,

Mark M. Enger

Mark Enger, Administrator

FAIRVIEW SOUTHDALE HOSPITAL

6401 France Avenue
Edina, MN 55435

Medicare Provider Number: 240078

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,510	8.3	8.4	0.5	12.7	12.8	0.7	15.8	16.2	0.7
CONDITIONS:										
Acute Myocardial Infarction	106	39.6	29.0	5.4	49.1	31.9	6.6	52.8	35.2	6.9
Congestive Heart Failure	151	11.3	15.8	3.9	16.6	24.4	5.0	24.5	31.5	5.0
Pneumonia/Influenza	116	18.1	16.6	3.6	26.7	22.7	5.3	33.6	27.4	7.2
Chronic Obstructive Pulmonary Disease	51	11.8	6.8	6.0	13.7	12.3	5.0	15.7	17.3	5.6
Transient Cerebral Ischemia	75	1.3	1.9	2.7	4.0	4.2	2.5	6.7	6.7	3.0
Stroke	135	27.4	22.9	6.7	33.3	29.4	5.8	37.0	34.1	5.6
Hip Fracture	113	3.5	5.9	3.0	7.1	10.9	4.5	9.7	14.3	5.5
Sepsis	37	8.1	26.2	*	21.6	35.0	*	32.4	41.7	*
PROCEDURES:										
Angioplasty	16	0.0	2.5	*	0.0	3.3	*	0.0	4.3	*
Coronary Artery Bypass Graft	40	5.0	5.1	*	5.0	7.1	*	7.5	8.3	*
Initial Pacemaker Insertion	17	5.9	4.3	*	11.8	7.1	*	11.8	9.5	*
Carotid Endarterectomy	22	0.0	1.3	*	4.5	2.5	*	4.5	3.7	*
Hip Replacement/Reconstruction	94	1.1	2.2	1.8	4.3	4.2	2.4	5.3	5.7	2.5
Open Reduction of Hip Fracture	52	3.8	5.6	4.4	7.7	10.6	5.8	11.5	14.0	5.8
Prostatectomy	127	1.6	1.0	1.0	3.1	2.0	1.6	3.9	3.2	1.8
Cholecystectomy	58	1.7	3.0	2.8	5.2	5.1	4.3	5.2	6.5	4.2
Hysterectomy	27	3.7	0.8	*	3.7	1.5	*	3.7	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	378
Occupancy Rate	62
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	360
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	10
Registered Nurses	446
Licensed Practical Nurses	39

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FAIRVIEW SOUTHDALE HOSPITAL

Medicare Provider Number: 240078

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,245	9.3	8.8	0.7	14.2	13.3	1.0	17.3	16.8	1.0
CONDITIONS:										
Acute Myocardial Infarction	80	25.0	27.6	5.4	31.3	31.4	6.1	31.3	35.2	7.3
Congestive Heart Failure	85	17.6	16.5	4.6	28.2	24.9	5.4	34.1	31.7	5.4
Pneumonia/Influenza	64	14.1	18.9	6.4	26.6	25.2	5.7	28.1	30.1	6.0
Chronic Obstructive Pulmonary Disease	26	11.5	6.8	*	15.4	12.8	*	15.4	18.0	*
Transient Cerebral Ischemia	43	4.7	1.8	*	4.7	3.8	*	4.7	5.9	*
Stroke	81	25.9	24.9	6.2	33.3	31.6	5.4	40.7	36.6	7.0
Hip Fracture	95	2.1	6.2	3.8	9.5	11.6	3.8	14.7	15.0	3.8
Sepsis	21	42.9	25.2	*	47.6	33.7	*	47.6	39.7	*
PROCEDURES:										
Angioplasty	26	3.8	4.7	*	7.7	5.5	*	7.7	6.5	*
Coronary Artery Bypass Graft	37	5.4	5.8	*	8.1	7.6	*	8.1	8.8	*
Initial Pacemaker Insertion	17	5.9	3.8	*	5.9	7.0	*	11.8	10.3	*
Carotid Endarterectomy	20	0.0	1.1	*	5.0	2.1	*	10.0	3.0	*
Hip Replacement/Reconstruction	52	1.9	3.2	3.3	5.8	6.3	4.5	9.6	8.3	5.4
Open Reduction of Hip Fracture	40	5.0	5.1	*	15.0	9.8	*	15.0	13.0	*
Prostatectomy	68	4.4	1.1	3.0	5.9	2.5	3.3	5.9	4.2	3.2
Cholecystectomy	38	2.6	3.9	*	5.3	6.7	*	10.5	8.6	*
Hysterectomy	21	9.5	0.6	*	9.5	1.3	*	9.5	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,237	9.3	8.9	1.1	15.0	13.6	1.3	18.2	17.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	81	27.2	28.7	8.3	28.4	31.8	8.1	30.9	35.2	7.4
Congestive Heart Failure	106	14.2	16.8	4.7	26.4	25.0	4.4	30.2	31.8	4.8
Pneumonia/Influenza	73	17.8	16.4	5.0	27.4	22.4	6.1	34.2	27.4	8.7
Chronic Obstructive Pulmonary Disease	32	21.9	11.0	*	40.6	17.9	*	46.9	22.9	*
Transient Cerebral Ischemia	39	2.6	2.0	*	2.6	4.4	*	5.1	7.0	*
Stroke	81	28.4	23.9	6.6	32.1	30.5	5.7	34.6	35.3	5.3
Hip Fracture	95	10.5	6.8	5.8	17.9	12.8	6.1	21.1	16.9	6.3
Sepsis	14	42.9	31.5	*	50.0	40.1	*	64.3	45.9	*
PROCEDURES:										
Angioplasty	14	7.1	3.8	*	7.1	4.5	*	7.1	5.5	*
Coronary Artery Bypass Graft	31	9.7	6.4	*	12.9	8.9	*	12.9	10.4	*
Initial Pacemaker Insertion	20	0.0	6.5	*	10.0	11.4	*	10.0	14.9	*
Carotid Endarterectomy	19	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	66	6.1	3.2	2.7	7.6	6.3	3.1	7.6	8.7	3.8
Open Reduction of Hip Fracture	45	6.7	5.9	*	17.8	11.6	*	20.0	15.6	*
Prostatectomy	71	2.8	0.9	2.0	8.5	2.2	2.8	11.3	3.7	3.5
Cholecystectomy	28	3.6	4.5	*	7.1	8.0	*	7.1	10.1	*
Hysterectomy	18	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

71.1

Fairview
Southdale Hospital
A Division of Fairview

6401 France Avenue South
Edina, MN 55435
612-924-5000
Fax 612-924-5012

Douglas N. Robinson, FACHE
Vice President and
Administrator

Medicare Provider #24-0078

January 10, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Fairview Southdale Hospital is again pleased to respond to your release of 1989 Medicare hospital mortality data received from you on December 17, 1990.

This year's data format differs considerably from previous years. The lower half of the data form again refers to hospital characteristics. I have reviewed those and they are reasonably accurate.

In reviewing the mortality data for 1989, I note that this data is presented with calculated revisions of the 1987 and 1988 data. As described in your accompanying brochures, this data is presented in a different format; namely, an observed percentage followed by a predicted percentage followed by a standard deviation of the mean. This contrast with previous data releases where the observed mortality rates were contrasted with a predicted range. The predicted range corresponded approximately with plus or minus two standard deviations from the mean. The actual reasons for this change in presentation are not clear to me, despite your lengthy explanations. A trained scientific observer knowledgeable in presentation of statistics would have no trouble interpreting these figures. However, this data is to be publicly released. I doubt if the average lay person would understand that variations from the mean of less than two standard deviations commonly are thought not to carry statistical significance. I'm concerned that this data presentation will place an extraordinary burden on hospitals to explain rather minute variations in observed vs. predicted mortality rates.

Your addition of mortality rates at 90 and 180 days adds very little to this data presentation. A gradual progression or increase in mortality rates from 30 days to 90 and 180 days just confirms what we already know statistically and that is that a large proportion of hospital care in the Medicare age group is given in the last 6-12 months of life.

Change in diagnostic conditions and the addition of procedures is helpful and you are to be commended for that change.

In reviewing Fairview Southdale Hospital's mortality data I'm pleased to find that our data for all causes continues to be at or under the predicted level. Mortality figures for the eight listed conditions are all well within one standard deviation of the mean except one, acute myocardial infarction. We are in the process of reviewing those 40 some deaths in that category. Our review is not complete at this writing. I suspect this is due to increased patient severity, but cannot confirm this at this time.

You should be aware that this institution does receive critically ill myocardial infarction patients in transfer from our sister hospital, Fairview Ridges Hospital. Our tertiary cardiac care capability is necessary for optimum care of these patients.

I'm pleased to see that the mortality rates for procedures are all well within one standard deviation of the mean except for one category of hysterectomy. There were only 27 cases in that category and there was one death. I'm quite aware of that death - - it was a post-operative pulmonary embolus. We have reviewed all the hysterectomies in this institution and the overall mortality rate is extremely low.

Further general comments regarding your data presentation are similar to those that we've listed in the past:

1. Comparison across institutions is not possible as information is not truly severity indexed.

2. Hospital mortality rates as listed are not measures of hospital performance and should not be used for judging quality of care in any institution. Quality judgement should be made on the basis of peer review of the individual patient's medical record or on the basis of compliance with agreed upon standards of care.

3. Your decision to credit a hospital with thirty-day post-discharge deaths is still troubling. We have not yet seen good evidence suggesting that the accuracy or completeness of your data effort is improved by this methodology.

Based on our four-year experience with this information we continue to find it minimally useful, although your procedural categories listing this year correlates better with our own ongoing quality assurance program.

We appreciate the opportunity to respond prior to public release of this data.

Sincerely,

Doug Robinson

Douglas N. Robinson, FACHE
Vice President & Administrator

pb

FALLS MEMORIAL HOSPITAL

1800 Third Street
International Falls, MN 566

Medicare Provider Number: 240072

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	234	15.0	8.7	2.9	21.4	12.9	4.0	23.1	16.4	3.5
CONDITIONS:										
Acute Myocardial Infarction	15	40.0	22.1	*	40.0	24.9	*	40.0	27.9	*
Congestive Heart Failure	11	36.4	12.6	*	45.5	20.5	*	45.5	27.1	*
Pneumonia/Influenza	21	19.0	12.0	*	28.6	17.0	*	28.6	21.0	*
Chronic Obstructive Pulmonary Disease	10	10.0	7.0	*	10.0	12.6	*	10.0	17.8	*
Transient Cerebral Ischemia	3	0.0	1.4	*	0.0	3.1	*	0.0	4.8	*
Stroke	11	27.3	24.9	*	27.3	32.9	*	27.3	38.5	*
Hip Fracture	1	0.0	9.8	*	0.0	19.1	*	0.0	25.2	*
Sepsis	3	0.0	22.2	*	0.0	27.6	*	0.0	32.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	1.3	*	33.3	2.9	*	33.3	4.9	*
Cholecystectomy	9	0.0	1.0	*	11.1	1.8	*	11.1	2.4	*
Hysterectomy	1	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	64
Occupancy Rate	30
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	93
Medical Residents/Interns	0
Registered Nurses	25
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FALLS MEMORIAL HOSPITAL

Medicare Provider Number: 240072

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	240	12.1	8.2	2.0	17.5	12.1	2.4	23.3	15.3	3.0
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	27.8	*	12.5	31.1	*	12.5	34.5	*
Congestive Heart Failure	10	40.0	17.9	*	40.0	27.7	*	70.0	35.9	*
Pneumonia/Influenza	14	28.6	11.6	*	50.0	16.5	*	50.0	20.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.6	*	0.0	9.4	*	33.3	13.0	*
Transient Cerebral Ischemia	6	0.0	1.4	*	0.0	3.0	*	0.0	4.6	*
Stroke	8	25.0	34.7	*	25.0	41.7	*	50.0	46.9	*
Hip Fracture	0									
Sepsis	2	0.0	14.3	*	0.0	18.5	*	0.0	23.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.8	*	50.0	1.6	*	50.0	2.6	*
Cholecystectomy	6	0.0	1.8	*	16.7	4.0	*	16.7	6.0	*
Hysterectomy	1	0.0	1.2	*	0.0	3.0	*	0.0	4.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	230	15.2	9.1	2.8	17.4	12.8	2.7	19.6	15.8	2.7
CONDITIONS:										
Acute Myocardial Infarction	21	47.6	27.8	*	47.6	30.8	*	47.6	34.3	*
Congestive Heart Failure	6	16.7	10.9	*	16.7	17.3	*	16.7	22.9	*
Pneumonia/Influenza	14	21.4	11.4	*	21.4	16.1	*	28.6	20.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.1	*	0.0	12.3	*	50.0	19.5	*
Transient Cerebral Ischemia	9	11.1	1.2	*	22.2	2.5	*	22.2	4.0	*
Stroke	11	27.3	28.7	*	36.4	35.2	*	36.4	39.8	*
Hip Fracture	1	0.0	3.5	*	0.0	7.5	*	0.0	10.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	1.1	*	0.0	2.0	*	0.0	2.4	*
Hysterectomy	1	0.0	2.0	*	0.0	4.9	*	0.0	7.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

International Falls
MEMORIAL HOSPITAL ASSN.
1800 West Third Street
INTERNATIONAL FALLS, MINN. 56649
Phone 218 - 283-4481

December 19, 1990 Provider # 24-0072

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

I note with interest that Falls Memorial Hospital had 99 Medicare deaths during the three years, 1987 through 1989, compared with a total projected deaths of 60.9 for that same three year period. There are two phenomena which may account for this difference between actual deaths and projected deaths.

First, at this hospital all patients who arrive in the ambulance and who are in the process of being coded are automatically admitted to the intensive care unit where the crash cart is available and the trained personnel to administer treatment are also. While this is a rational method of care for coded ER arrivals at this particular hospital, it is atypical in that none of those patients are usually admitted to the hospital if moribund, whereas in this hospital they always are admitted. The propensity for the patient to be moribund is exacerbated by the long transit times in this very rural area.

Additionally, the hospital has a skilled nursing facility, Falls Care Center, immediately adjacent to it and connected to it by covered walkways. The Falls Care Center has been very assertive in admitting their patients in extremis, even though in some cases the patient's family has requested DNR status. Although medically appropriate, this practice may cause an artificial inflation of the hospital's death rates.

If the above comments could be included with our publication of Medicare mortality data, I would be most appreciative. At the same time, I would like to commend the department for the evolving manner in which you have tried to present this information over the years so that it has become, while somewhat more complicated, more meaningful to people on both sides of the issue.

Sincerely,

FALLS MEMORIAL HOSPITAL

Philip J. Stoner,
Administrator

PJS/ja

cc: Diane Windsnes
Dr. Burton Helleloid
Robert Walls

FOSSTON MUNICIPAL HOSPITAL

900 South Hilligoss Blvd East
Fosston, MN 56542

Medicare Provider Number: 240079

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	233	13.7	10.6	4.0	20.6	15.7	4.8	23.2	19.8	4.3
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	20.1	*	40.0	22.4	*	40.0	25.2	*
Congestive Heart Failure	19	26.3	13.0	*	42.1	19.4	*	42.1	25.5	*
Pneumonia/Influenza	24	20.8	18.9	*	20.8	25.7	*	29.2	30.7	*
Chronic Obstructive Pulmonary Disease	4	25.0	5.2	*	25.0	10.2	*	25.0	15.1	*
Transient Cerebral Ischemia	1	0.0	3.7	*	0.0	10.2	*	0.0	18.0	*
Stroke	15	46.7	28.6	*	53.3	34.5	*	53.3	38.9	*
Hip Fracture	3	0.0	8.1	*	0.0	13.6	*	0.0	16.9	*
Sepsis	3	33.3	26.9	*	66.7	36.8	*	66.7	43.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	8.2	*	0.0	13.0	*	0.0	15.7	*
Open Reduction of Hip Fracture	2	0.0	6.9	*	0.0	12.6	*	0.0	16.2	*
Prostatectomy	12	0.0	1.1	*	0.0	2.7	*	0.0	4.5	*
Cholecystectomy	7	14.3	2.1	*	14.3	3.8	*	14.3	5.0	*
Hysterectomy	1	0.0	1.1	*	0.0	2.7	*	0.0	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	88
Occupancy Rate	64
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FOSSTON MUNICIPAL HOSPITAL

Medicare Provider Number: 240079

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	216	12.5	12.4	2.3	17.1	18.6	3.0	22.7	23.2	2.9
CONDITIONS:										
Acute Myocardial Infarction	12	41.7	33.2	*	41.7	37.6	*	41.7	41.3	*
Congestive Heart Failure	13	7.7	13.6	*	15.4	20.7	*	15.4	27.0	*
Pneumonia/Influenza	15	20.0	16.8	*	20.0	23.5	*	33.3	28.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.2	*	0.0	10.3	*	0.0	14.0	*
Transient Cerebral Ischemia	3	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Stroke	13	38.5	25.6	*	46.2	33.5	*	53.8	38.6	*
Hip Fracture	11	9.1	6.8	*	18.2	12.9	*	18.2	17.0	*
Sepsis	6	50.0	28.2	*	50.0	40.5	*	50.0	47.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	11	9.1	5.9	*	18.2	11.7	*	18.2	15.7	*
Prostatectomy	10	0.0	1.2	*	0.0	2.9	*	0.0	4.9	*
Cholecystectomy	7	0.0	2.2	*	0.0	4.4	*	0.0	6.0	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	234	15.0	10.5	3.1	20.9	15.9	3.6	23.9	20.2	3.4
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	21.1	*	33.3	24.2	*	33.3	27.5	*
Congestive Heart Failure	25	20.0	15.6	*	24.0	23.8	*	32.0	30.9	*
Pneumonia/Influenza	13	23.1	19.5	*	23.1	26.4	*	23.1	31.8	*
Chronic Obstructive Pulmonary Disease	4	25.0	6.2	*	25.0	12.5	*	25.0	18.3	*
Transient Cerebral Ischemia	1	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke	12	33.3	19.4	*	41.7	26.7	*	50.0	31.4	*
Hip Fracture	0									
Sepsis	7	28.6	19.5	*	28.6	28.1	*	42.9	35.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	19	0.0	0.9	*	5.3	2.1	*	5.3	3.2	*
Cholecystectomy	5	0.0	6.1	*	20.0	12.5	*	20.0	17.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GAYLORD COMMUNITY HOSPITAL

640 3rd St
Gaylord, MN 55334

Medicare Provider Number: 240165

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	33	18.2	13.9	*	24.2	21.0	*	30.3	26.1	*
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	29.1	*	100.0	32.7	*	100.0	37.6	*
Congestive Heart Failure	5	20.0	14.5	*	40.0	23.6	*	60.0	31.3	*
Pneumonia/Influenza	4	25.0	33.5	*	25.0	43.6	*	25.0	50.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.9	*	0.0	13.9	*	0.0	19.2	*
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.3	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	32
Ownership/Control	Local Government

STAFFING:

Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

GAYLORD COMMUNITY HOSPITAL

Medicare Provider Number: 240165

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	42	9.5	12.0	*	11.9	17.8	*	14.3	22.2	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	42.3	*	0.0	50.6	*	0.0	56.9	*
Congestive Heart Failure	3	66.7	20.3	*	66.7	29.3	*	66.7	36.0	*
Pneumonia/Influenza	7	14.3	31.4	*	14.3	40.9	*	14.3	47.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	1.8	*	0.0	3.8	*	0.0	5.9	*
Stroke	1	0.0	15.1	*	0.0	19.2	*	0.0	23.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	41	7.3	6.9	*	7.3	10.8	*	7.3	14.1	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	6	33.3	17.6	*	33.3	26.1	*	33.3	33.2	*
Pneumonia/Influenza	3	0.0	12.2	*	0.0	16.5	*	0.0	20.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	1.3	*	0.0	2.8	*	0.0	4.5	*
Stroke	2	0.0	23.4	*	0.0	31.4	*	0.0	36.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GLACIAL RIDGE HOSPITAL

10 Fourth Avenue Southeast
Glenwood, MN 56334

Medicare Provider Number: 240027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	172	8.1	8.8	2.3	14.0	13.1	2.7	17.4	16.7	3.8
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	27.9	*	33.3	31.2	*	44.4	34.9	*
Congestive Heart Failure	7	0.0	14.8	*	0.0	21.9	*	14.3	28.3	*
Pneumonia/Influenza	10	30.0	23.3	*	50.0	30.6	*	50.0	36.1	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.9	*	0.0	13.3	*	0.0	18.2	*
Transient Cerebral Ischemia	7	0.0	1.5	*	0.0	3.3	*	0.0	5.3	*
Stroke	4	25.0	19.7	*	25.0	25.8	*	50.0	30.4	*
Hip Fracture	2	0.0	9.5	*	0.0	16.8	*	0.0	21.4	*
Sepsis	2	0.0	30.2	*	0.0	35.4	*	0.0	41.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	7.4	*	0.0	13.9	*	0.0	19.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.1	*	0.0	5.8	*	0.0	7.9	*
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.1	*	0.0	2.8	*	0.0	5.1	*
Cholecystectomy	5	0.0	5.0	*	0.0	9.2	*	0.0	11.3	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	100.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	34
Occupancy Rate	21
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GLACIAL RIDGE HOSPITAL

Medicare Provider Number: 240027

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	155	12.3	10.0	2.9	19.4	14.9	3.7	22.6	19.1	3.9
CONDITIONS:										
Acute Myocardial Infarction	7	57.1	32.6	*	57.1	35.3	*	57.1	38.5	*
Congestive Heart Failure	8	12.5	15.1	*	25.0	23.0	*	25.0	29.6	*
Pneumonia/Influenza	16	12.5	22.8	*	37.5	30.3	*	37.5	35.5	*
Chronic Obstructive Pulmonary Disease	2	50.0	9.6	*	50.0	15.2	*	50.0	20.3	*
Transient Cerebral Ischemia	4	0.0	2.1	*	0.0	4.9	*	0.0	8.1	*
Stroke	2	0.0	14.5	*	100.0	19.0	*	100.0	23.0	*
Hip Fracture	5	20.0	6.5	*	40.0	12.1	*	40.0	16.0	*
Sepsis	3	66.7	23.5	*	66.7	32.4	*	66.7	39.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	1	0.0	3.2	*	0.0	4.4	*	0.0	5.4	*
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	6.2	*	66.7	11.4	*	66.7	14.7	*
Open Reduction of Hip Fracture	1	0.0	7.8	*	0.0	16.6	*	0.0	23.2	*
Prostatectomy	6	0.0	0.6	*	0.0	1.4	*	0.0	2.5	*
Cholecystectomy	2	0.0	1.9	*	0.0	3.2	*	0.0	4.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	155	14.8	11.1	3.6	22.6	15.8	4.1	27.7	19.7	4.7
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	28.8	*	28.6	32.7	*	42.9	36.2	*
Congestive Heart Failure	8	12.5	11.2	*	12.5	17.5	*	25.0	23.3	*
Pneumonia/Influenza	12	25.0	18.3	*	41.7	24.6	*	50.0	29.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	5	0.0	2.3	*	0.0	5.3	*	0.0	8.7	*
Stroke	4	25.0	32.3	*	25.0	37.3	*	25.0	41.7	*
Hip Fracture	2	0.0	6.9	*	50.0	12.6	*	50.0	16.4	*
Sepsis	3	100.0	34.1	*	100.0	41.1	*	100.0	48.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	4.9	*	0.0	8.5	*	0.0	10.7	*
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	0.9	*	12.5	2.3	*	25.0	4.0	*
Cholecystectomy	1	0.0	1.4	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GLENCOE AREA HEALTH CENTER

705 E 18th St
Glencoe, MN 55336

Medicare Provider Number: 240011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	376	9.0	8.5	1.6	12.8	12.9	1.7	16.0	16.5	2.0
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	27.9	*	22.2	32.3	*	22.2	36.5	*
Congestive Heart Failure	15	13.3	14.3	*	13.3	22.0	*	26.7	28.5	*
Pneumonia/Influenza	21	19.0	17.3	*	33.3	23.3	*	38.1	28.2	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.2	*	0.0	16.3	*	0.0	24.6	*
Transient Cerebral Ischemia	6	0.0	2.6	*	0.0	6.2	*	0.0	10.0	*
Stroke	10	0.0	23.5	*	0.0	29.4	*	0.0	34.1	*
Hip Fracture	15	6.7	7.5	*	6.7	13.9	*	13.3	18.3	*
Sepsis	2	0.0	33.9	*	0.0	46.0	*	0.0	55.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.5	*	0.0	4.2	*	0.0	6.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	5.9	*	12.5	11.3	*	12.5	15.2	*
Open Reduction of Hip Fracture	5	0.0	8.0	*	0.0	15.9	*	20.0	21.6	*
Prostatectomy	14	0.0	0.5	*	0.0	1.3	*	7.1	2.2	*
Cholecystectomy	10	0.0	1.4	*	10.0	2.5	*	10.0	3.2	*
Hysterectomy	5	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	159
Occupancy Rate	81
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GLENCOE AREA HEALTH CENTER

Medicare Provider Number: 240011

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	233	12.0	9.8	2.7	16.7	14.8	2.8	18.5	18.9	2.9
CONDITIONS:										
Acute Myocardial Infarction	15	6.7	19.7	*	13.3	22.8	*	20.0	26.2	*
Congestive Heart Failure	17	17.6	15.4	*	35.3	23.4	*	35.3	30.2	*
Pneumonia/Influenza	11	36.4	27.8	*	36.4	35.7	*	45.5	40.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.8	*	0.0	9.3	*	0.0	13.5	*
Transient Cerebral Ischemia	5	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke	11	9.1	22.8	*	36.4	28.1	*	36.4	32.5	*
Hip Fracture	5	0.0	6.1	*	0.0	12.1	*	0.0	16.5	*
Sepsis	1	0.0	23.4	*	0.0	29.1	*	0.0	36.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.3	*	0.0	4.4	*	0.0	6.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	5.0	*	0.0	10.2	*	0.0	14.2	*
Prostatectomy	8	12.5	0.6	*	12.5	1.5	*	12.5	2.5	*
Cholecystectomy	5	0.0	1.9	*	0.0	3.1	*	0.0	3.8	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	247	10.5	10.5	2.0	16.2	16.0	2.4	21.1	20.4	2.6
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	22.1	*	42.9	25.4	*	42.9	28.8	*
Congestive Heart Failure	21	9.5	14.6	*	9.5	22.0	*	33.3	28.6	*
Pneumonia/Influenza	11	18.2	20.3	*	36.4	27.9	*	36.4	34.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.1	*	0.0	11.0	*	0.0	16.3	*
Transient Cerebral Ischemia	7	0.0	2.5	*	28.6	5.9	*	28.6	9.7	*
Stroke	14	35.7	23.2	*	35.7	29.5	*	42.9	34.5	*
Hip Fracture	7	14.3	5.7	*	14.3	9.7	*	14.3	12.3	*
Sepsis	2	0.0	36.3	*	50.0	43.7	*	50.0	49.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.4	*	0.0	3.1	*	0.0	5.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	5.0	*	33.3	8.8	*	33.3	11.7	*
Open Reduction of Hip Fracture	4	0.0	5.6	*	0.0	10.4	*	0.0	13.4	*
Prostatectomy	5	0.0	1.3	*	0.0	3.2	*	0.0	5.2	*
Cholecystectomy	1	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GOLDEN VALLEY HEALTH CENTER

4101 Golden Valley Rd
Golden Valley, MN 55422

Medicare Provider Number: 240175

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	60	1.7	0.6	1.4	1.7	1.3	1.5	1.7	2.1	2.1
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	258
Occupancy Rate	62
Ownership/Control	Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	23
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GOLDEN VALLEY HEALTH CENTER

Medicare Provider Number: 240175

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	56	0.0	0.6	1.6	1.8	1.2	1.8	1.8	2.0	2.4
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	77	0.0	0.8	1.5	2.6	1.7	1.8	3.9	2.6	2.7
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GRANITE FALLS MUNICIPAL HOSPITAL

345 10th Ave
Granite Falls, MN 56241

Medicare Provider Number: 240170

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	285	8.1	10.1	2.5	12.3	14.6	2.8	15.4	18.3	3.1
CONDITIONS:										
Acute Myocardial Infarction	14	35.7	34.5	*	42.9	39.4	*	42.9	43.7	*
Congestive Heart Failure	16	12.5	13.5	*	12.5	22.0	*	12.5	28.9	*
Pneumonia/Influenza	29	10.3	17.4	*	17.2	24.2	*	24.1	29.4	*
Chronic Obstructive Pulmonary Disease	6	0.0	3.2	*	0.0	6.5	*	16.7	9.7	*
Transient Cerebral Ischemia	0									
Stroke	14	21.4	16.0	*	35.7	21.3	*	35.7	25.6	*
Hip Fracture	7	0.0	4.2	*	14.3	8.0	*	14.3	10.8	*
Sepsis	5	20.0	31.4	*	40.0	40.1	*	40.0	48.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	4.1	*	20.0	7.8	*	20.0	10.6	*
Open Reduction of Hip Fracture	2	0.0	3.5	*	0.0	7.2	*	0.0	10.1	*
Prostatectomy	9	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	8	12.5	2.5	*	12.5	4.3	*	12.5	5.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	94
Occupancy Rate	79
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GRANITE FALLS MUNICIPAL HOSPITAL

Medicare Provider Number: 240170

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	289	9.0	9.6	2.0	12.8	14.7	2.2	17.0	18.9	2.5
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	29.4	*	27.3	32.0	*	27.3	35.4	*
Congestive Heart Failure	16	25.0	16.9	*	25.0	26.0	*	50.0	33.5	*
Pneumonia/Influenza	17	0.0	19.3	*	11.8	26.7	*	11.8	32.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.1	*	0.0	11.4	*	0.0	17.3	*
Transient Cerebral Ischemia	5	0.0	1.4	*	0.0	3.1	*	0.0	4.9	*
Stroke	9	33.3	20.9	*	44.4	28.3	*	44.4	33.6	*
Hip Fracture	8	0.0	4.1	*	0.0	8.3	*	0.0	11.6	*
Sepsis	4	0.0	21.9	*	0.0	27.3	*	0.0	32.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	57.2	*	100.0	64.5	*	100.0	70.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	3.3	*	0.0	7.3	*	0.0	10.7	*
Open Reduction of Hip Fracture	4	0.0	4.0	*	0.0	8.1	*	0.0	11.1	*
Prostatectomy	8	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy	9	0.0	2.3	*	0.0	4.2	*	0.0	5.6	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	337	8.3	8.6	1.9	12.2	12.8	2.5	15.7	16.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	21	38.1	28.0	*	38.1	31.7	*	42.9	35.5	*
Congestive Heart Failure	8	37.5	15.1	*	37.5	23.7	*	37.5	31.0	*
Pneumonia/Influenza	12	0.0	15.8	*	8.3	21.9	*	8.3	27.0	*
Chronic Obstructive Pulmonary Disease	7	0.0	11.3	*	14.3	18.4	*	28.6	22.6	*
Transient Cerebral Ischemia	6	0.0	1.8	*	0.0	3.9	*	0.0	6.3	*
Stroke	11	0.0	18.3	*	9.1	23.9	*	18.2	28.6	*
Hip Fracture	12	25.0	7.0	*	33.3	13.3	*	33.3	17.9	*
Sepsis	4	0.0	24.7	*	0.0	34.0	*	0.0	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	33.3	5.7	*	33.3	12.1	*	33.3	17.3	*
Open Reduction of Hip Fracture	3	0.0	5.4	*	0.0	10.3	*	0.0	13.8	*
Prostatectomy	18	5.6	1.1	*	5.6	2.5	*	5.6	4.0	*
Cholecystectomy	14	0.0	1.7	*	0.0	3.2	*	0.0	4.3	*
Hysterectomy	2	0.0	0.3	*	0.0	0.6	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GRANT COUNTY HOSPITAL

P O Box 1016
Elbow Lake, MN 56531

Medicare Provider Number: 240109

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	184	7.6	12.6	3.2	10.9	18.3	4.0	14.1	22.6	4.5
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	35.4	*	25.0	38.7	*	25.0	42.6	*
Congestive Heart Failure	8	0.0	18.2	*	12.5	28.3	*	12.5	36.1	*
Pneumonia/Influenza	27	11.1	21.1	*	14.8	28.4	*	18.5	33.9	*
Chronic Obstructive Pulmonary Disease	1	100.0	11.4	*	100.0	16.8	*	100.0	21.6	*
Transient Cerebral Ischemia	6	0.0	1.7	*	0.0	3.7	*	0.0	6.0	*
Stroke	6	16.7	22.5	*	16.7	29.4	*	16.7	34.5	*
Hip Fracture	8	0.0	5.6	*	12.5	10.1	*	12.5	13.3	*
Sepsis	2	50.0	41.9	*	50.0	49.6	*	50.0	58.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.5	*	0.0	6.1	*	0.0	7.9	*
Open Reduction of Hip Fracture	5	0.0	5.1	*	20.0	9.8	*	20.0	13.4	*
Prostatectomy	4	0.0	2.2	*	0.0	5.8	*	0.0	10.2	*
Cholecystectomy	3	0.0	1.2	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	32
Ownership/Control	Local Government

STAFFING:

Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	Yes
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	Yes

**** Not used in calculating hospital mortality rates.**

GRANT COUNTY HOSPITAL

Medicare Provider Number: 240109

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	173	11.6	10.8	3.0	15.6	15.9	3.0	17.9	20.0	3.6
CONDITIONS:										
Acute Myocardial Infarction	7	57.1	31.8	*	57.1	35.4	*	57.1	40.2	*
Congestive Heart Failure	7	14.3	16.2	*	14.3	24.6	*	14.3	31.5	*
Pneumonia/Influenza	12	25.0	20.3	*	41.7	28.1	*	50.0	33.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	6	0.0	1.8	*	0.0	4.1	*	0.0	6.6	*
Stroke	9	33.3	33.6	*	44.4	42.4	*	44.4	48.2	*
Hip Fracture	1	0.0	10.0	*	0.0	20.5	*	0.0	27.8	*
Sepsis	1	100.0	35.1	*	100.0	51.5	*	100.0	59.2	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.9	*	0.0	4.6	*	0.0	6.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	14.3	*	50.0	26.5	*	100.0	37.2	*
Open Reduction of Hip Fracture	1	0.0	8.5	*	0.0	18.3	*	0.0	25.7	*
Prostatectomy	6	0.0	1.0	*	0.0	2.3	*	0.0	4.0	*
Cholecystectomy	7	0.0	5.0	*	0.0	8.2	*	0.0	10.1	*
Hysterectomy	3	0.0	1.6	*	0.0	3.2	*	0.0	4.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	164	8.5	9.2	2.7	12.2	13.7	2.9	15.9	17.4	3.4
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	28.0	*	66.7	30.7	*	66.7	34.0	*
Congestive Heart Failure	5	40.0	10.9	*	60.0	17.1	*	60.0	22.7	*
Pneumonia/Influenza	18	16.7	18.0	*	16.7	24.8	*	22.2	30.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	13.7	*	0.0	24.1	*	0.0	31.3	*
Transient Cerebral Ischemia	4	0.0	2.0	*	0.0	4.7	*	0.0	7.6	*
Stroke	9	0.0	20.6	*	11.1	27.2	*	11.1	32.1	*
Hip Fracture	3	0.0	5.6	*	0.0	10.8	*	33.3	14.4	*
Sepsis	2	0.0	42.5	*	0.0	49.6	*	0.0	56.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	4.8	*	0.0	9.7	*	33.3	13.4	*
Prostatectomy	6	33.3	2.2	*	33.3	5.6	*	33.3	9.2	*
Cholecystectomy	3	0.0	4.1	*	0.0	5.9	*	0.0	7.1	*
Hysterectomy	3	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GREENBUSH COMMUNITY HOSPITAL

152 - 5th Street South
Greenbush, MN 56726

Medicare Provider Number: 240156

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	44	11.4	12.6	*	22.7	17.6	*	31.8	21.7	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	33.7	*	0.0	38.0	*	100.0	42.2	*
Congestive Heart Failure	1	100.0	17.5	*	100.0	26.7	*	100.0	34.8	*
Pneumonia/Influenza	4	0.0	37.8	*	25.0	47.9	*	75.0	54.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.3	*	0.0	16.9	*	0.0	22.4	*
Transient Cerebral Ischemia	2	0.0	2.6	*	0.0	5.8	*	50.0	9.3	*
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.4	*	50.0	3.4	*	50.0	5.8	*
Cholecystectomy	1	0.0	1.0	*	0.0	1.8	*	0.0	2.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	87
Occupancy Rate	64
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GREENBUSH COMMUNITY HOSPITAL

Medicare Provider Number: 240156

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	38	26.3	17.2	*	31.6	24.8	*	34.2	30.4	*
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	62.9	*	100.0	76.3	*	100.0	84.2	*
Congestive Heart Failure	3	33.3	25.1	*	33.3	37.4	*	33.3	46.5	*
Pneumonia/Influenza	5	60.0	22.1	*	60.0	30.2	*	60.0	36.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	4	25.0	27.2	*	50.0	35.1	*	50.0	40.6	*
Hip Fracture	0									
Sepsis	1	100.0	35.0	*	100.0	44.7	*	100.0	53.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.2	*	0.0	3.4	*	50.0	6.1	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	35	20.0	13.6	*	25.7	19.4	*	37.1	24.1	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	50.0	9.9	*	50.0	15.7	*	50.0	21.1	*
Pneumonia/Influenza	8	12.5	25.1	*	25.0	33.1	*	50.0	39.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	3	66.7	46.8	*	66.7	55.2	*	66.7	61.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	1.3	*	0.0	3.6	*	0.0	6.2	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HARMONY COMMUNITY HOSPITAL

815 Main Ave So., R.R. #1 Box 173
Harmony, MN 55939

Medicare Provider Number: 240150

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	58	10.3	14.2	5.8	22.4	21.6	6.6	24.1	26.8	7.9
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	3	33.3	13.3	*	33.3	20.5	*	33.3	26.9	*
Pneumonia/Influenza	14	0.0	17.0	*	14.3	23.0	*	14.3	28.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	2	0.0	25.2	*	50.0	32.5	*	50.0	37.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	59
Occupancy Rate	80
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	0
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HARMONY COMMUNITY HOSPITAL

Medicare Provider Number: 240150

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	72	9.7	12.2	5.3	22.2	18.8	6.3	30.6	24.1	7.5
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	54.4	*	100.0	60.7	*	100.0	66.9	*
Congestive Heart Failure	2	0.0	25.2	*	50.0	36.4	*	50.0	44.7	*
Pneumonia/Influenza	13	0.0	19.6	*	23.1	26.5	*	23.1	31.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	7	57.1	21.4	*	71.4	27.9	*	71.4	32.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	79	16.5	12.7	7.6	22.8	18.6	8.2	27.8	23.4	9.3
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	24.5	*	33.3	27.6	*	33.3	31.5	*
Congestive Heart Failure	13	38.5	18.4	*	46.2	27.4	*	46.2	34.6	*
Pneumonia/Influenza	13	0.0	18.2	*	15.4	24.3	*	23.1	29.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.2	*	0.0	15.8	*	0.0	24.5	*
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	4.4	*	33.3	6.9	*
Stroke	4	75.0	21.7	*	75.0	28.8	*	75.0	34.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HEALTH CENTRAL OF BUFFALO

303 Catlin St
Buffalo, MN 55313

Medicare Provider Number: 240076

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	434	8.8	9.3	1.5	12.4	13.5	1.9	16.6	17.1	1.9
CONDITIONS:										
Acute Myocardial Infarction	22	18.2	25.2	*	22.7	28.4	*	27.3	31.6	*
Congestive Heart Failure	23	4.3	16.9	*	21.7	26.1	*	34.8	33.7	*
Pneumonia/Influenza	31	16.1	15.6	*	16.1	20.9	*	19.4	25.6	*
Chronic Obstructive Pulmonary Disease	7	0.0	6.3	*	0.0	11.4	*	0.0	16.0	*
Transient Cerebral Ischemia	8	0.0	2.4	*	12.5	5.1	*	25.0	7.9	*
Stroke	16	25.0	23.5	*	31.3	30.3	*	43.8	35.1	*
Hip Fracture	18	11.1	6.9	*	22.2	12.5	*	27.8	16.5	*
Sepsis	1	100.0	41.4	*	100.0	49.3	*	100.0	57.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.9	*	0.0	2.1	*	0.0	3.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	6.4	*	9.1	12.0	*	18.2	15.8	*
Open Reduction of Hip Fracture	5	20.0	5.4	*	20.0	10.2	*	20.0	13.7	*
Prostatectomy	29	0.0	0.6	*	6.9	1.6	*	6.9	2.8	*
Cholecystectomy	10	0.0	2.3	*	0.0	3.8	*	0.0	4.6	*
Hysterectomy	9	0.0	0.2	*	0.0	0.5	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	21
Occupancy Rate	91
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	35
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	42
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HEALTH CENTRAL OF BUFFALO

Medicare Provider Number: 240076

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	362	9.1	9.2	2.0	13.0	13.6	2.3	17.4	17.3	2.3
CONDITIONS:										
Acute Myocardial Infarction	20	10.0	31.7	*	20.0	34.9	*	25.0	38.5	*
Congestive Heart Failure	20	10.0	15.0	*	15.0	22.7	*	25.0	29.2	*
Pneumonia/Influenza	30	13.3	15.1	*	16.7	20.2	*	16.7	24.5	*
Chronic Obstructive Pulmonary Disease	4	25.0	9.3	*	25.0	14.2	*	50.0	18.8	*
Transient Cerebral Ischemia	1	0.0	2.8	*	0.0	5.6	*	0.0	8.8	*
Stroke	13	23.1	19.3	*	23.1	26.8	*	30.8	31.9	*
Hip Fracture	17	29.4	6.1	*	29.4	11.4	*	41.2	14.9	*
Sepsis	2	50.0	25.3	*	50.0	33.0	*	50.0	40.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.6	*	0.0	4.9	*	0.0	7.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	37.5	10.0	*	37.5	15.8	*	37.5	19.2	*
Open Reduction of Hip Fracture	8	12.5	5.6	*	12.5	11.1	*	37.5	15.0	*
Prostatectomy	15	0.0	0.9	*	0.0	2.3	*	0.0	4.0	*
Cholecystectomy	10	0.0	0.9	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	6	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	238	14.7	9.5	3.1	18.5	13.8	3.5	23.9	17.4	3.9
CONDITIONS:										
Acute Myocardial Infarction	10	50.0	31.8	*	50.0	34.9	*	50.0	38.4	*
Congestive Heart Failure	21	33.3	14.8	*	33.3	22.8	*	47.6	29.7	*
Pneumonia/Influenza	15	20.0	17.7	*	46.7	23.8	*	46.7	29.0	*
Chronic Obstructive Pulmonary Disease	8	12.5	7.6	*	12.5	12.3	*	12.5	16.2	*
Transient Cerebral Ischemia	5	0.0	2.0	*	0.0	4.2	*	0.0	6.7	*
Stroke	10	30.0	27.3	*	40.0	34.5	*	40.0	39.3	*
Hip Fracture	15	6.7	4.8	*	6.7	9.4	*	13.3	12.9	*
Sepsis	2	0.0	20.5	*	0.0	27.3	*	0.0	33.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	3.7	*	0.0	7.7	*	0.0	10.8	*
Open Reduction of Hip Fracture	7	14.3	4.4	*	14.3	8.7	*	28.6	11.9	*
Prostatectomy	13	0.0	0.3	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy	7	0.0	1.7	*	0.0	3.1	*	0.0	4.2	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HEALTH ONE MERCY HOSPITAL

4050 Coon Rapids Blvd
Coon Rapids, MN 55433

Medicare Provider Number: 240115

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	845	8.5	8.6	1.1	13.3	13.4	1.2	16.1	17.2	1.7
CONDITIONS:										
Acute Myocardial Infarction	32	25.0	29.4	*	28.1	33.2	*	28.1	36.7	*
Congestive Heart Failure	30	13.3	13.1	*	23.3	20.4	*	23.3	26.9	*
Pneumonia/Influenza	43	18.6	15.9	*	23.3	21.8	*	27.9	26.7	*
Chronic Obstructive Pulmonary Disease	10	20.0	6.8	*	20.0	11.2	*	20.0	15.3	*
Transient Cerebral Ischemia	9	0.0	1.8	*	11.1	4.0	*	33.3	6.3	*
Stroke	31	12.9	21.6	*	29.0	28.0	*	32.3	32.4	*
Hip Fracture	25	8.0	5.4	*	12.0	9.9	*	12.0	13.0	*
Sepsis	11	27.3	22.3	*	36.4	30.9	*	45.5	38.4	*
PROCEDURES:										
Angioplasty	5	0.0	4.3	*	0.0	5.1	*	0.0	6.2	*
Coronary Artery Bypass Graft	6	0.0	4.6	*	0.0	5.9	*	0.0	7.1	*
Initial Pacemaker Insertion	5	0.0	1.8	*	0.0	3.5	*	0.0	5.2	*
Carotid Endarterectomy	5	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Hip Replacement/Reconstruction	16	0.0	1.8	*	0.0	3.5	*	0.0	4.9	*
Open Reduction of Hip Fracture	13	7.7	4.5	*	15.4	8.5	*	15.4	11.4	*
Prostatectomy	45	2.2	1.3	*	2.2	3.2	*	2.2	5.3	*
Cholecystectomy	12	8.3	4.1	*	8.3	8.1	*	8.3	11.2	*
Hysterectomy	2	0.0	1.2	*	0.0	2.7	*	0.0	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	271
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	2
Registered Nurses	285
Licensed Practical Nurses	36

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	Yes
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

HEALTH ONE MERCY HOSPITAL

Medicare Provider Number: 240115

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	917	10.4	9.2	1.4	15.6	13.5	1.9	18.9	17.1	1.9
CONDITIONS:										
Acute Myocardial Infarction	48	29.2	28.0	*	31.2	31.5	*	37.5	35.3	*
Congestive Heart Failure	57	17.5	14.1	6.5	26.3	21.9	9.0	35.1	28.5	10.4
Pneumonia/Influenza	37	13.5	15.4	*	32.4	21.4	*	40.5	26.3	*
Chronic Obstructive Pulmonary Disease	6	33.3	3.6	*	33.3	7.4	*	33.3	10.8	*
Transient Cerebral Ischemia	21	0.0	1.9	*	4.8	3.9	*	4.8	6.0	*
Stroke	27	37.0	21.9	*	48.1	28.1	*	48.1	32.5	*
Hip Fracture	19	15.8	5.8	*	21.1	10.9	*	21.1	14.2	*
Sepsis	9	22.2	24.3	*	33.3	30.0	*	33.3	35.2	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	16.2	*	50.0	19.5	*	50.0	22.9	*
Carotid Endarterectomy	7	0.0	1.6	*	0.0	3.0	*	0.0	4.5	*
Hip Replacement/Reconstruction	12	0.0	3.4	*	0.0	6.6	*	0.0	8.6	*
Open Reduction of Hip Fracture	7	14.3	5.5	*	14.3	10.9	*	14.3	14.8	*
Prostatectomy	31	0.0	0.8	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	15	0.0	4.9	*	6.7	8.5	*	6.7	10.5	*
Hysterectomy	3	0.0	2.1	*	0.0	5.4	*	0.0	9.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	932	9.0	8.3	1.1	13.9	12.6	1.5	17.4	16.0	2.1
CONDITIONS:										
Acute Myocardial Infarction	30	20.0	26.2	*	20.0	29.4	*	26.7	32.6	*
Congestive Heart Failure	55	23.6	15.3	9.5	34.5	23.7	12.0	36.4	30.6	11.5
Pneumonia/Influenza	39	20.5	19.6	*	35.9	26.9	*	46.2	32.4	*
Chronic Obstructive Pulmonary Disease	8	0.0	3.0	*	0.0	5.7	*	0.0	8.0	*
Transient Cerebral Ischemia	26	3.8	1.4	*	3.8	3.0	*	3.8	4.7	*
Stroke	40	20.0	19.2	*	22.5	26.2	*	25.0	30.7	*
Hip Fracture	27	11.1	5.7	*	18.5	10.3	*	18.5	13.5	*
Sepsis	5	40.0	30.6	*	40.0	39.5	*	60.0	46.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.4	*	33.3	4.7	*	33.3	6.7	*
Carotid Endarterectomy	5	0.0	1.6	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction	16	0.0	2.4	*	0.0	5.1	*	6.3	7.5	*
Open Reduction of Hip Fracture	17	11.8	5.5	*	17.6	10.4	*	17.6	13.8	*
Prostatectomy	43	4.7	1.2	*	4.7	2.8	*	4.7	4.7	*
Cholecystectomy	15	0.0	2.4	*	6.7	4.5	*	6.7	6.0	*
Hysterectomy	5	0.0	0.5	*	0.0	1.1	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HEALTH ONE OWATONNA HOSPITAL

903 South Oak Street
Owatonna, MN 55060

Medicare Provider Number: 240069

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	525	8.8	8.3	1.3	12.6	12.3	1.5	15.8	15.7	1.6
CONDITIONS:										
Acute Myocardial Infarction	23	26.1	34.7	*	30.4	38.3	*	30.4	42.2	*
Congestive Heart Failure	28	17.9	15.5	*	25.0	23.9	*	28.6	31.0	*
Pneumonia/Influenza	35	25.7	19.1	*	28.6	25.0	*	42.9	29.7	*
Chronic Obstructive Pulmonary Disease	9	0.0	6.0	*	11.1	10.5	*	22.2	14.6	*
Transient Cerebral Ischemia	8	0.0	3.0	*	12.5	6.8	*	12.5	10.9	*
Stroke	16	18.8	20.1	*	31.3	26.4	*	31.3	30.9	*
Hip Fracture	15	6.7	7.0	*	13.3	12.7	*	13.3	16.6	*
Sepsis	5	20.0	33.3	*	20.0	41.7	*	20.0	48.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.8	*	0.0	5.2	*	0.0	7.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	24	4.2	2.8	*	8.3	5.7	*	8.3	8.0	*
Open Reduction of Hip Fracture	4	0.0	7.0	*	0.0	12.6	*	0.0	16.2	*
Prostatectomy	32	0.0	0.6	*	0.0	1.6	*	6.3	2.9	*
Cholecystectomy	14	7.1	1.5	*	7.1	2.6	*	7.1	3.3	*
Hysterectomy	8	0.0	0.7	*	0.0	0.9	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	55
Occupancy Rate	40
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	26
Percent of Physicians Board Certified Specialists	62
Medical Residents/Interns	0
Registered Nurses	48
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HEALTH ONE OWATONNA HOSPITAL

Medicare Provider Number: 240069

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	534	11.4	10.5	1.8	16.3	15.0	1.9	18.9	18.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	26	30.8	32.8	*	34.6	36.1	*	34.6	39.5	*
Congestive Heart Failure	35	28.6	17.6	*	37.1	26.0	*	42.9	33.0	*
Pneumonia/Influenza	27	18.5	18.0	*	22.2	24.1	*	29.6	28.9	*
Chronic Obstructive Pulmonary Disease	11	0.0	6.6	*	9.1	12.8	*	18.2	19.1	*
Transient Cerebral Ischemia	6	0.0	1.9	*	0.0	4.2	*	0.0	6.6	*
Stroke	22	18.2	23.9	*	22.7	32.0	*	27.3	37.2	*
Hip Fracture	15	6.7	7.2	*	20.0	12.5	*	20.0	15.5	*
Sepsis	9	11.1	28.2	*	33.3	37.0	*	33.3	44.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	14.1	*	33.3	18.1	*	33.3	20.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	11.1	3.0	*	22.2	5.6	*	22.2	7.4	*
Open Reduction of Hip Fracture	12	0.0	6.1	*	16.7	11.0	*	16.7	13.9	*
Prostatectomy	23	0.0	1.0	*	4.3	2.7	*	4.3	4.6	*
Cholecystectomy	12	16.7	4.1	*	16.7	7.3	*	16.7	9.2	*
Hysterectomy	4	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	560	8.2	8.6	2.1	11.4	12.9	1.9	14.5	16.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	24	20.8	28.4	*	20.8	31.4	*	25.0	34.6	*
Congestive Heart Failure	29	24.1	20.1	*	34.5	29.4	*	48.3	37.0	*
Pneumonia/Influenza	34	11.8	18.3	*	17.6	24.4	*	20.6	29.5	*
Chronic Obstructive Pulmonary Disease	8	0.0	6.0	*	25.0	10.9	*	25.0	15.3	*
Transient Cerebral Ischemia	12	8.3	3.0	*	8.3	6.6	*	8.3	10.1	*
Stroke	20	20.0	23.3	*	25.0	30.2	*	25.0	35.4	*
Hip Fracture	13	0.0	9.8	*	7.7	16.8	*	7.7	21.1	*
Sepsis	3	33.3	34.6	*	33.3	42.9	*	33.3	49.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	10.1	*	20.0	17.7	*	20.0	23.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	11.3	*	14.3	20.4	*	14.3	26.0	*
Open Reduction of Hip Fracture	7	0.0	5.7	*	0.0	10.3	*	0.0	13.2	*
Prostatectomy	31	0.0	0.7	*	0.0	1.7	*	3.2	3.0	*
Cholecystectomy	22	0.0	3.5	*	4.5	6.3	*	4.5	8.2	*
Hysterectomy	5	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HEALTH ONE UNITY HOSPITAL

550 Osborne Road
Fridley, MN 55432

Medicare Provider Number: 240132

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	942	7.9	8.0	1.0	12.6	12.0	2.2	16.1	15.3	2.5
CONDITIONS:										
Acute Myocardial Infarction	26	23.1	31.0	*	34.6	34.2	*	34.6	37.8	*
Congestive Heart Failure	35	14.3	13.0	*	22.9	20.4	*	37.1	26.7	*
Pneumonia/Influenza	36	25.0	16.0	*	27.8	22.3	*	36.1	27.1	*
Chronic Obstructive Pulmonary Disease	23	8.7	7.8	*	13.0	12.6	*	17.4	16.7	*
Transient Cerebral Ischemia	14	0.0	1.7	*	0.0	3.9	*	0.0	6.1	*
Stroke	35	8.6	20.1	*	14.3	26.6	*	17.1	31.2	*
Hip Fracture	19	5.3	5.5	*	5.3	10.1	*	10.5	13.2	*
Sepsis	10	20.0	23.9	*	20.0	31.0	*	30.0	37.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.1	*	0.0	6.6	*	0.0	9.9	*
Carotid Endarterectomy	5	0.0	1.6	*	0.0	3.4	*	0.0	5.2	*
Hip Replacement/Reconstruction	20	5.0	1.7	*	5.0	3.3	*	5.0	4.7	*
Open Reduction of Hip Fracture	9	0.0	4.9	*	0.0	9.4	*	11.1	12.3	*
Prostatectomy	61	1.6	0.6	1.4	4.9	1.4	3.0	4.9	2.4	3.5
Cholecystectomy	22	4.5	4.0	*	18.2	7.9	*	22.7	10.8	*
Hysterectomy	6	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	275
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	2
Registered Nurses	236
Licensed Practical Nurses	50

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

HEALTH ONE UNITY HOSPITAL

Medicare Provider Number: 240132

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,156	11.1	9.2	1.4	15.7	13.4	1.6	18.3	16.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	40	25.0	26.3	*	27.5	29.3	*	27.5	32.8	*
Congestive Heart Failure	57	14.0	14.3	5.7	26.3	22.2	6.6	28.1	28.8	6.4
Pneumonia/Influenza	56	23.2	16.7	7.4	26.8	23.0	6.3	30.4	28.0	6.3
Chronic Obstructive Pulmonary Disease	23	21.7	6.1	*	21.7	10.5	*	21.7	14.6	*
Transient Cerebral Ischemia	18	0.0	1.5	*	0.0	3.1	*	0.0	4.8	*
Stroke	57	26.3	22.8	8.9	33.3	29.1	9.0	35.1	33.7	7.4
Hip Fracture	32	9.4	5.7	*	9.4	10.5	*	12.5	13.8	*
Sepsis	8	37.5	31.6	*	50.0	39.7	*	50.0	46.2	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	9.4	*	0.0	13.1	*	16.7	16.0	*
Carotid Endarterectomy	7	28.6	1.4	*	28.6	2.5	*	28.6	3.7	*
Hip Replacement/Reconstruction	25	8.0	2.7	*	8.0	5.0	*	12.0	6.6	*
Open Reduction of Hip Fracture	15	13.3	4.9	*	13.3	9.4	*	13.3	12.6	*
Prostatectomy	65	3.1	0.6	1.5	4.6	1.4	2.1	4.6	2.4	2.1
Cholecystectomy	33	3.0	3.1	*	6.1	6.1	*	6.1	8.3	*
Hysterectomy	17	0.0	0.4	*	5.9	0.9	*	5.9	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,043	9.5	8.6	1.0	14.4	12.8	1.4	18.4	16.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	44	18.2	26.3	*	22.7	29.1	*	27.3	32.2	*
Congestive Heart Failure	49	28.6	16.3	*	36.7	24.7	*	44.9	31.5	*
Pneumonia/Influenza	43	18.6	16.7	*	27.9	22.8	*	34.9	27.7	*
Chronic Obstructive Pulmonary Disease	25	12.0	9.8	*	20.0	16.9	*	24.0	22.5	*
Transient Cerebral Ischemia	13	0.0	1.6	*	0.0	3.3	*	0.0	5.2	*
Stroke	36	11.1	22.4	*	22.2	28.7	*	27.8	33.4	*
Hip Fracture	30	10.0	5.8	*	10.0	10.7	*	13.3	13.9	*
Sepsis	5	20.0	20.1	*	20.0	28.5	*	20.0	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	7.1	6.8	*	7.1	11.1	*	7.1	14.3	*
Carotid Endarterectomy	7	0.0	1.3	*	0.0	2.4	*	0.0	3.4	*
Hip Replacement/Reconstruction	17	11.8	2.4	*	11.8	4.6	*	11.8	6.2	*
Open Reduction of Hip Fracture	16	0.0	5.9	*	0.0	11.4	*	6.3	15.0	*
Prostatectomy	54	1.9	0.4	1.3	3.7	1.0	2.2	3.7	1.7	2.6
Cholecystectomy	26	3.8	2.2	*	7.7	4.2	*	7.7	5.8	*
Hysterectomy	15	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HENDRICKS COMMUNITY HOSPITAL ASSN

503 E Lincoln St
Hendricks, MN 56136

Medicare Provider Number: 240099

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	123	11.4	12.5	3.1	16.3	17.9	4.3	22.8	22.2	3.9
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	29.3	*	60.0	32.8	*	60.0	37.5	*
Congestive Heart Failure	4	0.0	20.6	*	0.0	31.4	*	0.0	38.7	*
Pneumonia/Influenza	23	13.0	17.1	*	17.4	23.9	*	30.4	28.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.1	*	0.0	13.4	*	0.0	18.9	*
Transient Cerebral Ischemia	0									
Stroke	14	21.4	22.9	*	35.7	30.4	*	42.9	35.3	*
Hip Fracture	6	0.0	3.7	*	0.0	7.1	*	0.0	9.5	*
Sepsis	2	0.0	31.3	*	0.0	36.0	*	0.0	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	2.8	*	0.0	5.3	*	0.0	7.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	7.2	*	0.0	16.5	*	0.0	24.9	*
Hysterectomy	1	0.0	1.5	*	0.0	3.1	*	0.0	4.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	96
Occupancy Rate	81
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HENDRICKS COMMUNITY HOSPITAL ASSN

Medicare Provider Number: 240099

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	152	14.5	12.5	4.3	21.7	17.6	4.6	24.3	21.8	5.4
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	28.0	*	14.3	31.3	*	14.3	35.9	*
Congestive Heart Failure	6	50.0	16.9	*	83.3	27.5	*	83.3	35.9	*
Pneumonia/Influenza	26	15.4	17.9	*	19.2	24.7	*	19.2	30.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	16	50.0	30.4	*	56.3	38.0	*	62.5	43.1	*
Hip Fracture	8	0.0	6.1	*	0.0	12.2	*	0.0	16.7	*
Sepsis	1	0.0	36.3	*	100.0	43.8	*	100.0	52.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	5.3	*	0.0	10.7	*	0.0	14.7	*
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	0.8	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	6	0.0	3.8	*	16.7	7.1	*	16.7	9.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	159	11.9	10.3	3.2	18.2	14.8	4.1	23.3	18.5	5.7
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	34.6	*	11.1	38.7	*	11.1	43.8	*
Congestive Heart Failure	7	14.3	17.0	*	57.1	27.1	*	71.4	34.8	*
Pneumonia/Influenza	11	0.0	14.9	*	0.0	20.7	*	9.1	25.5	*
Chronic Obstructive Pulmonary Disease	1	100.0	10.8	*	100.0	17.0	*	100.0	22.2	*
Transient Cerebral Ischemia	0									
Stroke	18	22.2	19.0	*	33.3	26.7	*	33.3	31.8	*
Hip Fracture	6	16.7	7.9	*	16.7	13.4	*	16.7	16.7	*
Sepsis	2	100.0	26.4	*	100.0	31.5	*	100.0	37.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	1.8	*	0.0	4.0	*	0.0	6.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.5	*	0.0	1.1	*	0.0	1.9	*
Cholecystectomy	3	0.0	1.4	*	0.0	2.9	*	0.0	3.9	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HENNEPIN COUNTY MEDICAL CENTER

701 Park Avenue South
Minneapolis, MN 55415

Medicare Provider Number: 240004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,013	10.8	10.6	0.8	17.1	16.1	0.9	21.3	20.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	56	32.1	26.3	10.6	33.9	29.7	10.0	35.7	33.1	8.5
Congestive Heart Failure	74	13.5	15.0	4.5	28.4	22.7	6.1	36.5	29.2	7.6
Pneumonia/Influenza	118	11.0	16.7	4.1	20.3	22.6	4.6	21.2	27.1	5.1
Chronic Obstructive Pulmonary Disease	65	13.8	8.8	4.7	23.1	15.4	7.9	30.8	21.0	9.1
Transient Cerebral Ischemia	19	0.0	1.5	*	0.0	3.5	*	0.0	5.6	*
Stroke	46	34.8	19.6	*	39.1	26.6	*	41.3	31.0	*
Hip Fracture	39	7.7	7.3	*	10.3	12.6	*	10.3	16.0	*
Sepsis	34	32.4	22.4	*	44.1	31.1	*	47.1	36.6	*
PROCEDURES:										
Angioplasty	4	0.0	1.4	*	0.0	2.2	*	0.0	3.2	*
Coronary Artery Bypass Graft	8	0.0	8.4	*	0.0	11.3	*	0.0	12.5	*
Initial Pacemaker Insertion	5	0.0	2.1	*	20.0	4.1	*	20.0	6.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	0.0	4.1	*	0.0	7.6	*	4.0	10.7	*
Open Reduction of Hip Fracture	8	12.5	8.3	*	25.0	15.0	*	25.0	19.2	*
Prostatectomy	9	0.0	0.8	*	11.1	1.9	*	11.1	3.2	*
Cholecystectomy	18	5.6	5.4	*	11.1	9.1	*	11.1	11.0	*
Hysterectomy	7	0.0	1.5	*	0.0	3.0	*	14.3	4.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	361
Occupancy Rate	75
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	274
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	275
Registered Nurses	611
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

HENNEPIN COUNTY MEDICAL CENTER

Medicare Provider Number: 240004

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,987	8.5	10.7	1.0	14.1	16.0	1.0	18.6	20.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	58	20.7	27.8	11.0	22.4	31.6	11.6	29.3	35.2	11.2
Congestive Heart Failure	74	9.5	15.9	5.6	17.6	24.2	6.3	27.0	31.1	5.8
Pneumonia/Influenza	100	9.0	17.0	5.3	17.0	23.0	5.2	21.0	27.5	5.4
Chronic Obstructive Pulmonary Disease	24	4.2	8.8	*	8.3	14.9	*	12.5	19.7	*
Transient Cerebral Ischemia	24	0.0	2.2	*	0.0	5.0	*	8.3	8.2	*
Stroke	41	26.8	23.7	*	34.1	31.0	*	36.6	35.7	*
Hip Fracture	29	6.9	7.8	*	6.9	14.4	*	13.8	18.6	*
Sepsis	32	40.6	25.1	*	46.9	33.2	*	53.1	38.5	*
PROCEDURES:										
Angioplasty	14	7.1	7.9	*	7.1	9.0	*	7.1	10.3	*
Coronary Artery Bypass Graft	12	0.0	8.9	*	25.0	12.7	*	25.0	14.6	*
Initial Pacemaker Insertion	10	0.0	2.9	*	0.0	5.4	*	0.0	7.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	0.0	3.2	*	6.3	6.3	*	6.3	9.0	*
Open Reduction of Hip Fracture	7	14.3	10.2	*	14.3	19.8	*	14.3	25.9	*
Prostatectomy	20	0.0	1.7	*	0.0	4.1	*	0.0	6.6	*
Cholecystectomy	17	0.0	5.6	*	11.8	9.3	*	11.8	11.6	*
Hysterectomy	5	0.0	5.3	*	0.0	9.6	*	20.0	12.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,994	8.4	10.6	0.9	14.0	16.2	1.0	18.1	20.4	1.1
CONDITIONS:										
Acute Myocardial Infarction	48	37.5	30.6	*	41.7	35.8	*	50.0	39.7	*
Congestive Heart Failure	80	6.3	19.5	6.0	18.8	29.0	6.1	28.7	36.4	5.9
Pneumonia/Influenza	98	14.3	18.3	8.3	19.4	24.9	8.5	25.5	30.0	8.1
Chronic Obstructive Pulmonary Disease	21	4.8	9.4	*	9.5	15.7	*	19.0	20.8	*
Transient Cerebral Ischemia	17	0.0	1.7	*	0.0	3.5	*	0.0	5.5	*
Stroke	51	13.7	18.9	7.3	23.5	26.2	6.8	27.5	30.7	6.8
Hip Fracture	48	10.4	7.5	*	12.5	13.3	*	20.8	17.0	*
Sepsis	30	23.3	19.6	*	26.7	26.6	*	26.7	31.7	*
PROCEDURES:										
Angioplasty	4	0.0	4.1	*	0.0	4.8	*	0.0	5.8	*
Coronary Artery Bypass Graft	18	11.1	12.5	*	11.1	17.8	*	22.2	20.6	*
Initial Pacemaker Insertion	10	0.0	5.4	*	10.0	11.5	*	10.0	16.9	*
Carotid Endarterectomy	2	0.0	1.7	*	0.0	3.7	*	0.0	5.7	*
Hip Replacement/Reconstruction	23	4.3	3.5	*	4.3	6.6	*	4.3	8.7	*
Open Reduction of Hip Fracture	18	11.1	5.8	*	16.7	11.0	*	33.3	14.5	*
Prostatectomy	27	0.0	1.9	*	0.0	4.8	*	0.0	8.0	*
Cholecystectomy	20	10.0	9.2	*	15.0	15.0	*	15.0	18.0	*
Hysterectomy	3	0.0	0.6	*	0.0	1.2	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HERON LAKE MUNICIPAL HOSPITAL

941 County Road 9
Heron Lake, MN 56137

Medicare Provider Number: 240201

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	94	5.3	12.2	4.7	9.6	18.3	5.2	14.9	23.0	5.4
CONDITIONS:										
Acute Myocardial Infarction	6	0.0	38.3	*	16.7	45.8	*	33.3	51.2	*
Congestive Heart Failure	7	0.0	14.6	*	0.0	22.9	*	14.3	29.9	*
Pneumonia/Influenza	18	5.6	20.6	*	5.6	29.3	*	11.1	35.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	2.4	*	0.0	5.6	*	0.0	9.2	*
Stroke	1	0.0	14.6	*	0.0	19.2	*	0.0	23.1	*
Hip Fracture	0									
Sepsis	1	0.0	10.1	*	0.0	15.5	*	0.0	18.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	2.2	*	0.0	6.0	*	0.0	10.8	*
Cholecystectomy	2	0.0	1.5	*	0.0	2.4	*	0.0	3.1	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	63
Occupancy Rate	73
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	60
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HERON LAKE MUNICIPAL HOSPITAL

Medicare Provider Number: 240201

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	85	7.1	15.9	5.1	12.9	22.9	6.3	17.6	28.1	6.3
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	51.7	*	33.3	55.4	*	33.3	59.0	*
Congestive Heart Failure	4	0.0	16.1	*	0.0	24.7	*	0.0	32.0	*
Pneumonia/Influenza	21	0.0	20.4	*	14.3	27.5	*	19.0	32.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	3.1	*	0.0	7.7	*	0.0	12.8	*
Stroke	1	0.0	16.2	*	0.0	21.2	*	0.0	25.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.1	*	0.0	3.1	*	0.0	5.6	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	62	6.5	12.0	5.1	8.1	18.4	6.2	14.5	23.1	6.8
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	22.4	*	0.0	25.5	*	0.0	29.8	*
Congestive Heart Failure	7	14.3	15.8	*	28.6	23.8	*	42.9	31.0	*
Pneumonia/Influenza	5	0.0	11.5	*	0.0	17.0	*	0.0	21.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.6	*	0.0	5.2	*	0.0	7.7	*
Transient Cerebral Ischemia	3	0.0	2.2	*	0.0	4.6	*	0.0	7.3	*
Stroke	1	0.0	23.1	*	0.0	30.6	*	0.0	36.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.8	*
Cholecystectomy	1	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOLY TRINITY HOSPITAL

115 West Second Street
Graceville, MN 56240

Medicare Provider Number: 240065

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	162	16.7	14.4	3.5	22.2	20.1	3.7	25.3	24.5	4.8
CONDITIONS:										
Acute Myocardial Infarction	8	75.0	38.7	*	87.5	43.4	*	87.5	48.0	*
Congestive Heart Failure	11	27.3	14.7	*	36.4	22.6	*	36.4	29.0	*
Pneumonia/Influenza	20	20.0	24.8	*	25.0	33.1	*	40.0	38.9	*
Chronic Obstructive Pulmonary Disease	1	100.0	28.4	*	100.0	46.1	*	100.0	57.4	*
Transient Cerebral Ischemia	0									
Stroke	5	40.0	30.5	*	40.0	39.8	*	40.0	45.5	*
Hip Fracture	0									
Sepsis	2	0.0	25.7	*	0.0	30.5	*	0.0	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.3	*	0.0	0.7	*	0.0	1.3	*
Cholecystectomy	3	33.3	2.7	*	33.3	4.2	*	33.3	4.9	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	32
Occupancy Rate	19
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	4
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HOLY TRINITY HOSPITAL

Medicare Provider Number: 240065

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	173	13.3	12.7	2.7	16.2	18.9	3.4	19.1	23.5	4.1
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	45.6	*	33.3	49.9	*	33.3	54.0	*
Congestive Heart Failure	17	11.8	21.3	*	11.8	32.2	*	17.6	39.3	*
Pneumonia/Influenza	20	15.0	18.9	*	15.0	25.2	*	15.0	30.1	*
Chronic Obstructive Pulmonary Disease	6	16.7	6.9	*	16.7	12.3	*	16.7	17.1	*
Transient Cerebral Ischemia	1	0.0	1.9	*	0.0	4.4	*	0.0	7.0	*
Stroke	6	50.0	31.0	*	50.0	39.3	*	50.0	44.7	*
Hip Fracture	1	0.0	2.6	*	0.0	5.6	*	100.0	8.2	*
Sepsis	1	0.0	40.8	*	0.0	45.2	*	0.0	50.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	3	0.0	2.9	*	0.0	6.7	*	0.0	10.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	232	10.3	10.9	2.7	12.9	16.3	3.4	16.4	20.8	4.3
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	34.7	*	33.3	38.4	*	33.3	43.0	*
Congestive Heart Failure	12	33.3	17.3	*	41.7	27.8	*	41.7	36.2	*
Pneumonia/Influenza	33	9.1	19.5	*	15.2	26.4	*	24.2	32.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.2	*	0.0	16.9	*	20.0	24.4	*
Transient Cerebral Ischemia	6	0.0	2.6	*	0.0	6.0	*	0.0	9.9	*
Stroke	7	28.6	19.7	*	28.6	25.6	*	28.6	30.3	*
Hip Fracture	0									
Sepsis	1	0.0	49.5	*	0.0	78.4	*	0.0	90.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.4	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.3	*	0.0	0.8	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HUTCHINSON COMMUNITY HOSPITAL

Century Avenue
Hutchinson, MN 55350

Medicare Provider Number: 240187

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	584	12.3	9.5	1.7	16.1	14.4	2.0	19.0	18.2	2.5
CONDITIONS:										
Acute Myocardial Infarction	20	25.0	28.5	*	25.0	32.2	*	30.0	35.9	*
Congestive Heart Failure	23	30.4	18.2	*	39.1	27.9	*	43.5	35.5	*
Pneumonia/Influenza	31	41.9	16.4	*	41.9	22.7	*	41.9	27.7	*
Chronic Obstructive Pulmonary Disease	11	18.2	7.9	*	18.2	13.4	*	27.3	18.3	*
Transient Cerebral Ischemia	19	0.0	2.3	*	0.0	5.3	*	0.0	8.6	*
Stroke	34	29.4	20.7	*	41.2	27.5	*	47.1	32.7	*
Hip Fracture	21	14.3	6.4	*	14.3	11.9	*	14.3	15.8	*
Sepsis	8	25.0	32.0	*	25.0	39.9	*	25.0	47.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.1	*	0.0	3.9	*	0.0	5.6	*
Carotid Endarterectomy	2	0.0	1.5	*	0.0	2.5	*	50.0	3.7	*
Hip Replacement/Reconstruction	18	5.6	3.1	*	5.6	6.3	*	5.6	8.8	*
Open Reduction of Hip Fracture	12	16.7	5.9	*	16.7	11.3	*	16.7	15.1	*
Prostatectomy	24	4.2	0.6	*	4.2	1.5	*	4.2	2.6	*
Cholecystectomy	19	0.0	1.8	*	0.0	3.2	*	0.0	4.1	*
Hysterectomy	8	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	67
Occupancy Rate	46
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	94
Medical Residents/Interns	0
Registered Nurses	41
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HUTCHINSON COMMUNITY HOSPITAL

Medicare Provider Number: 240187

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	413	10.9	8.5	1.9	16.0	13.2	2.2	20.6	17.1	2.8
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	27.6	*	40.0	31.1	*	40.0	34.8	*
Congestive Heart Failure	23	13.0	14.9	*	21.7	23.3	*	34.8	30.3	*
Pneumonia/Influenza	32	21.9	14.7	*	25.0	20.5	*	28.1	25.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	5.9	*	20.0	10.9	*	20.0	14.9	*
Transient Cerebral Ischemia	8	12.5	1.4	*	12.5	3.0	*	25.0	4.7	*
Stroke	12	16.7	19.1	*	33.3	25.0	*	41.7	29.7	*
Hip Fracture	8	12.5	6.7	*	12.5	12.2	*	12.5	15.7	*
Sepsis	4	25.0	20.4	*	50.0	27.4	*	50.0	33.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.2	*	0.0	4.3	*	0.0	6.5	*
Carotid Endarterectomy	2	0.0	1.7	*	0.0	3.4	*	0.0	5.2	*
Hip Replacement/Reconstruction	8	12.5	3.4	*	12.5	6.5	*	25.0	8.5	*
Open Reduction of Hip Fracture	3	0.0	8.1	*	0.0	15.5	*	0.0	20.3	*
Prostatectomy	21	4.8	0.9	*	4.8	2.2	*	4.8	3.6	*
Cholecystectomy	9	0.0	9.6	*	0.0	12.9	*	11.1	14.4	*
Hysterectomy	1	0.0	2.2	*	0.0	4.9	*	0.0	7.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	309	9.7	10.3	1.9	13.9	15.1	2.3	19.1	19.0	2.5
CONDITIONS:										
Acute Myocardial Infarction	12	50.0	35.0	*	50.0	39.7	*	66.7	43.8	*
Congestive Heart Failure	17	5.9	17.1	*	17.6	26.0	*	23.5	33.0	*
Pneumonia/Influenza	13	7.7	19.9	*	30.8	27.0	*	38.5	32.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	16.4	*	0.0	29.6	*	0.0	38.9	*
Transient Cerebral Ischemia	2	0.0	2.5	*	0.0	5.8	*	0.0	9.5	*
Stroke	21	42.9	21.4	*	47.6	28.2	*	47.6	33.3	*
Hip Fracture	6	0.0	4.8	*	0.0	9.0	*	0.0	12.0	*
Sepsis	6	0.0	29.1	*	16.7	35.9	*	16.7	41.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	2.6	*	0.0	5.1	*	0.0	7.5	*
Carotid Endarterectomy	2	0.0	1.6	*	0.0	2.9	*	0.0	4.1	*
Hip Replacement/Reconstruction	3	0.0	1.5	*	0.0	2.9	*	0.0	4.0	*
Open Reduction of Hip Fracture	3	0.0	4.3	*	0.0	8.7	*	0.0	11.9	*
Prostatectomy	4	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy	5	0.0	9.6	*	0.0	16.0	*	20.0	19.1	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

IMMANUEL-ST JOSEPHS HOSPITAL

325 Garden Blvd
Mankato, MN 56002

Medicare Provider Number: 240093

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,629	7.0	7.2	0.7	10.6	11.2	0.9	13.6	14.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	48	43.8	27.7	*	45.8	31.7	*	47.9	35.5	*
Congestive Heart Failure	54	14.8	15.9	5.2	20.4	24.5	7.5	27.8	31.7	8.4
Pneumonia/Influenza	63	9.5	13.5	6.5	15.9	18.5	8.6	19.0	22.5	7.5
Chronic Obstructive Pulmonary Disease	17	0.0	12.8	*	11.8	18.1	*	11.8	22.4	*
Transient Cerebral Ischemia	23	0.0	2.2	*	8.7	4.7	*	8.7	7.3	*
Stroke	56	26.8	19.0	6.9	28.6	25.7	6.7	32.1	30.2	6.4
Hip Fracture	110	2.7	6.7	2.8	4.5	11.8	4.1	6.4	15.3	4.9
Sepsis	9	22.2	26.7	*	22.2	36.0	*	33.3	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	0.0	3.2	*	5.9	6.6	*	5.9	9.9	*
Carotid Endarterectomy	3	0.0	2.1	*	33.3	4.7	*	33.3	7.4	*
Hip Replacement/Reconstruction	103	1.9	2.1	1.9	2.9	4.0	3.1	2.9	5.4	3.6
Open Reduction of Hip Fracture	63	0.0	6.3	4.5	1.6	11.7	5.8	3.2	15.5	6.6
Prostatectomy	103	0.0	1.3	2.1	5.8	2.9	2.3	7.8	4.7	2.6
Cholecystectomy	39	0.0	2.2	*	0.0	3.8	*	0.0	4.9	*
Hysterectomy	16	0.0	1.1	*	6.3	2.4	*	6.3	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	177
Occupancy Rate	62
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	81
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	139
Licensed Practical Nurses	54

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

IMMANUEL-ST JOSEPHS HOSPITAL

Medicare Provider Number: 240093

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,666	7.1	7.0	1.0	11.3	11.0	0.8	13.4	14.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	52	34.6	28.7	8.7	36.5	32.6	7.7	38.5	36.5	6.9
Congestive Heart Failure	76	14.5	16.1	4.3	18.4	24.9	5.7	23.7	31.9	6.5
Pneumonia/Influenza	54	14.8	16.7	6.0	22.2	22.8	9.0	24.1	27.4	7.6
Chronic Obstructive Pulmonary Disease	19	15.8	8.1	*	15.8	13.3	*	21.1	17.7	*
Transient Cerebral Ischemia	20	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke	52	17.3	17.5	5.4	19.2	23.7	7.9	21.2	28.1	10.1
Hip Fracture	111	6.3	6.2	2.8	12.6	11.4	3.5	13.5	14.8	4.5
Sepsis	9	44.4	24.1	*	55.6	34.2	*	55.6	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	3.8	*	0.0	7.0	*	14.3	10.0	*
Carotid Endarterectomy	6	0.0	1.1	*	0.0	1.9	*	0.0	2.7	*
Hip Replacement/Reconstruction	95	3.2	3.0	3.1	10.5	5.9	4.9	11.6	7.8	6.2
Open Reduction of Hip Fracture	63	6.3	5.1	3.0	9.5	9.8	3.8	9.5	13.1	5.2
Prostatectomy	76	0.0	0.9	1.7	2.6	2.2	2.4	5.3	3.6	3.6
Cholecystectomy	37	0.0	2.6	*	2.7	4.6	*	2.7	6.0	*
Hysterectomy	18	0.0	0.4	*	0.0	0.8	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,648	10.0	7.3	0.7	13.0	11.3	0.9	16.0	14.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	62	41.9	29.3	8.1	41.9	33.3	8.3	45.2	37.0	7.6
Congestive Heart Failure	66	31.8	15.5	7.6	33.3	23.7	6.7	39.4	30.7	6.5
Pneumonia/Influenza	52	21.2	14.9	8.6	23.1	20.6	8.3	30.8	25.2	9.3
Chronic Obstructive Pulmonary Disease	13	23.1	8.5	*	30.8	14.3	*	38.5	19.0	*
Transient Cerebral Ischemia	14	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke	73	17.8	19.7	6.0	20.5	25.6	6.2	32.9	29.9	5.7
Hip Fracture	105	5.7	5.9	2.8	11.4	10.9	4.2	16.2	14.3	3.7
Sepsis	13	30.8	22.0	*	46.2	30.1	*	46.2	36.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	25.0	9.2	*	33.3	14.1	*	33.3	17.5	*
Carotid Endarterectomy	4	0.0	1.5	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	91	2.2	2.7	1.9	4.4	5.3	3.0	6.6	7.3	2.9
Open Reduction of Hip Fracture	54	1.9	4.9	4.8	9.3	9.6	5.1	14.8	12.9	6.4
Prostatectomy	97	2.1	0.8	1.6	3.1	2.0	2.3	6.2	3.4	2.3
Cholecystectomy	41	9.8	3.6	*	12.2	6.7	*	14.6	8.8	*
Hysterectomy	15	0.0	0.4	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ITASCA MEMORIAL CENTER

126 1st Ave S E
Grand Rapids, MN 55744

Medicare Provider Number: 240064

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	614	11.4	9.8	2.0	16.0	14.7	2.0	18.7	18.5	1.7
CONDITIONS:										
Acute Myocardial Infarction	24	16.7	23.5	*	16.7	26.3	*	16.7	29.5	*
Congestive Heart Failure	45	20.0	15.6	*	35.6	24.3	*	42.2	31.4	*
Pneumonia/Influenza	39	33.3	17.1	*	38.5	23.2	*	38.5	28.0	*
Chronic Obstructive Pulmonary Disease	9	11.1	8.6	*	22.2	16.0	*	22.2	21.9	*
Transient Cerebral Ischemia	13	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke	20	15.0	17.1	*	30.0	22.9	*	35.0	27.1	*
Hip Fracture	27	3.7	7.2	*	11.1	13.0	*	14.8	16.9	*
Sepsis	8	25.0	26.1	*	62.5	35.6	*	62.5	42.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	7.0	*	25.0	10.9	*	25.0	13.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	3.8	*	0.0	7.4	*	0.0	10.2	*
Open Reduction of Hip Fracture	5	0.0	8.2	*	40.0	15.3	*	60.0	20.0	*
Prostatectomy	12	0.0	1.0	*	0.0	2.6	*	0.0	4.5	*
Cholecystectomy	12	0.0	1.5	*	0.0	2.9	*	0.0	4.2	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	119
Occupancy Rate	57
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	37
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	0
Registered Nurses	69
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ITASCA MEMORIAL CENTER

Medicare Provider Number: 240064

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	613	13.2	10.4	1.9	18.9	15.1	2.3	22.2	18.9	2.2
CONDITIONS:										
Acute Myocardial Infarction	29	34.5	31.1	*	44.8	34.4	*	44.8	38.0	*
Congestive Heart Failure	35	11.4	15.5	*	17.1	24.1	*	20.0	30.9	*
Pneumonia/Influenza	28	3.6	17.9	*	17.9	24.0	*	28.6	28.7	*
Chronic Obstructive Pulmonary Disease	2	50.0	9.6	*	50.0	15.3	*	50.0	20.0	*
Transient Cerebral Ischemia	8	25.0	2.4	*	25.0	5.5	*	25.0	8.9	*
Stroke	30	46.7	20.0	*	50.0	25.6	*	50.0	29.8	*
Hip Fracture	24	12.5	7.3	*	16.7	13.4	*	29.2	17.1	*
Sepsis	8	12.5	23.7	*	25.0	30.8	*	25.0	37.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	5.1	*	0.0	8.8	*	0.0	11.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	1.9	*	0.0	4.1	*	0.0	5.9	*
Open Reduction of Hip Fracture	10	10.0	6.7	*	20.0	12.8	*	40.0	16.8	*
Prostatectomy	7	0.0	4.6	*	14.3	6.0	*	14.3	7.0	*
Cholecystectomy	12	0.0	1.8	*	0.0	3.1	*	0.0	3.9	*
Hysterectomy	5	0.0	1.2	*	0.0	2.9	*	0.0	4.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	709	9.9	10.1	1.2	13.8	15.0	1.6	15.9	18.8	1.9
CONDITIONS:										
Acute Myocardial Infarction	36	25.0	29.4	*	27.8	32.7	*	30.6	36.0	*
Congestive Heart Failure	40	15.0	14.8	*	22.5	22.5	*	25.0	29.2	*
Pneumonia/Influenza	29	13.8	19.0	*	17.2	25.4	*	24.1	30.4	*
Chronic Obstructive Pulmonary Disease	9	11.1	8.9	*	11.1	15.6	*	11.1	21.0	*
Transient Cerebral Ischemia	11	9.1	2.2	*	9.1	4.9	*	9.1	7.8	*
Stroke	26	23.1	21.9	*	26.9	28.4	*	26.9	33.0	*
Hip Fracture	28	0.0	6.4	*	0.0	11.6	*	0.0	15.2	*
Sepsis	6	0.0	19.9	*	16.7	26.1	*	16.7	31.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	8.8	*	0.0	14.8	*	0.0	18.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	0.0	3.7	*	0.0	7.6	*	0.0	10.5	*
Open Reduction of Hip Fracture	5	0.0	4.1	*	0.0	7.8	*	0.0	10.5	*
Prostatectomy	15	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	17	5.9	4.9	*	5.9	9.0	*	17.6	11.7	*
Hysterectomy	1	0.0	3.9	*	0.0	8.4	*	0.0	12.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

JACKSON MUNICIPAL HOSPITAL

North Highway
Jackson, MN 56143

Medicare Provider Number: 240102

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	105	8.6	10.7	3.5	12.4	15.1	4.6	13.3	18.7	6.1
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	32.6	*	0.0	35.1	*	0.0	38.2	*
Congestive Heart Failure	4	50.0	20.4	*	50.0	30.2	*	50.0	37.9	*
Pneumonia/Influenza	13	7.7	17.2	*	23.1	22.8	*	23.1	27.7	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.9	*	0.0	15.9	*	0.0	23.1	*
Transient Cerebral Ischemia	8	0.0	2.0	*	0.0	4.3	*	0.0	6.8	*
Stroke	4	0.0	21.7	*	25.0	27.9	*	25.0	32.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	2.5	*	0.0	4.1	*	0.0	4.9	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	41
Occupancy Rate	59
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JACKSON MUNICIPAL HOSPITAL

Medicare Provider Number: 240102

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	150	4.0	9.9	2.9	6.7	15.1	3.7	8.7	19.4	4.4
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	56.9	*	100.0	64.0	*	100.0	68.5	*
Congestive Heart Failure	11	18.2	24.6	*	18.2	35.6	*	18.2	44.0	*
Pneumonia/Influenza	7	0.0	19.0	*	0.0	25.3	*	0.0	30.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.2	*	0.0	19.2	*	0.0	26.5	*
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	3.9	*	0.0	6.0	*
Stroke	5	0.0	22.9	*	20.0	29.7	*	20.0	34.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	6.4	*	0.0	10.2	*	0.0	13.6	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	152	9.2	11.2	4.5	13.8	16.7	5.6	17.1	21.3	6.3
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	35.1	*	20.0	38.9	*	20.0	42.8	*
Congestive Heart Failure	6	16.7	17.6	*	33.3	27.1	*	50.0	35.0	*
Pneumonia/Influenza	14	7.1	20.5	*	14.3	27.4	*	14.3	33.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	6	16.7	2.7	*	16.7	6.2	*	16.7	10.0	*
Stroke	7	0.0	28.7	*	0.0	36.9	*	14.3	42.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	0.8	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy	3	33.3	3.8	*	33.3	5.9	*	33.3	7.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

JOHNSON MEMORIAL HOSPITAL

Walnut Street and Memorial Place
Dawson, MN 56232

Medicare Provider Number: 240108

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	127	8.7	13.7	5.4	16.5	19.7	5.1	21.3	24.1	4.4
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	43.1	*	40.0	47.4	*	40.0	52.1	*
Congestive Heart Failure	6	16.7	14.9	*	33.3	22.3	*	33.3	28.5	*
Pneumonia/Influenza	28	10.7	17.7	*	17.9	23.9	*	32.1	28.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.6	*	0.0	12.0	*	0.0	18.4	*
Transient Cerebral Ischemia	0									
Stroke	7	14.3	24.1	*	14.3	31.2	*	14.3	36.1	*
Hip Fracture	0									
Sepsis	4	25.0	47.6	*	50.0	57.1	*	50.0	65.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	1.2	*	0.0	3.0	*	33.3	4.9	*
Cholecystectomy	4	0.0	3.3	*	0.0	5.9	*	0.0	7.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	94
Occupancy Rate	82
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

JOHNSON MEMORIAL HOSPITAL

Medicare Provider Number: 240108

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	124	11.3	10.9	2.8	16.9	16.1	3.6	20.2	20.2	5.3
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	32.9	*	50.0	36.3	*	50.0	40.6	*
Congestive Heart Failure	4	25.0	13.6	*	50.0	21.8	*	50.0	28.9	*
Pneumonia/Influenza	11	18.2	21.0	*	36.4	27.4	*	36.4	32.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.5	*	0.0	8.9	*	0.0	13.0	*
Transient Cerebral Ischemia	1	0.0	2.8	*	0.0	5.6	*	0.0	8.8	*
Stroke	4	0.0	22.2	*	0.0	29.1	*	25.0	34.1	*
Hip Fracture	1	0.0	3.7	*	0.0	6.6	*	0.0	8.6	*
Sepsis	5	20.0	26.2	*	20.0	31.8	*	40.0	37.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.8	*	0.0	1.8	*	0.0	2.7	*
Cholecystectomy	4	0.0	3.1	*	0.0	5.2	*	0.0	6.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	146	10.3	12.2	4.5	17.8	17.3	4.6	21.2	21.7	3.4
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	40.0	*	50.0	44.2	*	50.0	49.3	*
Congestive Heart Failure	5	60.0	20.0	*	80.0	29.4	*	80.0	36.8	*
Pneumonia/Influenza	14	14.3	19.3	*	21.4	25.8	*	28.6	30.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.1	*	0.0	7.7	*	0.0	11.1	*
Transient Cerebral Ischemia	3	0.0	1.4	*	0.0	2.9	*	0.0	4.6	*
Stroke	10	10.0	25.9	*	10.0	32.6	*	10.0	37.7	*
Hip Fracture	5	0.0	6.3	*	0.0	11.0	*	0.0	13.9	*
Sepsis	2	0.0	28.9	*	0.0	35.7	*	50.0	41.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	4.1	*	0.0	8.1	*	0.0	10.8	*
Prostatectomy	0									
Cholecystectomy	1	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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24-0108
117.2

JM johnson memorial WALNUT STREET & MEMORIAL PLACE • P.O. BOX 1022 • DAWSON, MINNESOTA 56232
PHONE 612-769-4323 • FAX 612-769-4576

December 28, 1990

Health Care Financing Administration
Health Standards and Quality Bureau
ATTN: Mrs. Sandra Kappert
2-D-2 Meadows East Bldg.
6325 Security Boulevard
Baltimore, MD 21207

Dear Ms. Kappert:

I have the following comments to make regarding our Medicare Hospital Mortality Information:

1. We have 24 hospital beds and 70 nursing home beds totalling 94 beds We have 2 active physicians.
2. Our hospital occupancy rate at the hospital is 33.69%; 71% of which represent Medicare admissions

3. We calculate our mortality rate to be 2.5% based on 11 deaths for fiscal year 1989 out of 431 discharges

4. It is difficult to make accurate estimates when there are so few cases in any one category

Sincerely yours,

Julie Gruenenwald

Julie Gruenenwald
Acting Administrator

Enc.

KANABEC HOSPITAL

300 Clark Street
Mora, MN 55051

Medicare Provider Number: 240152

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	195	10.8	9.0	2.2	15.4	13.0	3.0	19.5	16.3	3.6
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	26.5	*	25.0	29.8	*	50.0	33.5	*
Congestive Heart Failure	7	0.0	11.7	*	0.0	18.0	*	14.3	23.7	*
Pneumonia/Influenza	12	8.3	19.5	*	25.0	25.0	*	25.0	29.0	*
Chronic Obstructive Pulmonary Disease	4	50.0	11.9	*	50.0	20.3	*	50.0	26.9	*
Transient Cerebral Ischemia	7	0.0	2.4	*	0.0	5.7	*	0.0	9.4	*
Stroke	14	28.6	16.7	*	35.7	22.9	*	42.9	26.9	*
Hip Fracture	0									
Sepsis	1	100.0	20.7	*	100.0	28.0	*	100.0	33.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	11	0.0	0.7	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	3	0.0	2.0	*	0.0	3.9	*	0.0	5.7	*
Hysterectomy	1	0.0	4.0	*	0.0	8.6	*	0.0	13.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	50
Occupancy Rate	24
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	22
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KANABEC HOSPITAL

Medicare Provider Number: 240152

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	186	15.6	12.4	3.3	23.1	17.7	3.9	27.4	21.9	4.7
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	37.7	*	18.2	40.5	*	18.2	43.8	*
Congestive Heart Failure	12	25.0	14.4	*	25.0	21.9	*	50.0	28.2	*
Pneumonia/Influenza	21	23.8	16.8	*	23.8	22.9	*	33.3	27.6	*
Chronic Obstructive Pulmonary Disease	6	0.0	7.5	*	0.0	12.9	*	0.0	18.0	*
Transient Cerebral Ischemia	3	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Stroke	8	37.5	17.6	*	50.0	25.0	*	62.5	29.8	*
Hip Fracture	0									
Sepsis	2	0.0	18.1	*	0.0	23.7	*	0.0	29.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	1.1	*	14.3	2.6	*	14.3	3.9	*
Cholecystectomy	2	0.0	1.5	*	0.0	2.6	*	0.0	3.5	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	200	17.0	11.3	3.3	21.0	16.8	3.4	25.0	21.1	3.3
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	29.4	*	16.7	33.2	*	16.7	36.9	*
Congestive Heart Failure	10	30.0	16.9	*	30.0	25.5	*	40.0	32.5	*
Pneumonia/Influenza	19	10.5	18.5	*	15.8	24.9	*	21.1	30.0	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.4	*	0.0	13.9	*	33.3	19.4	*
Transient Cerebral Ischemia	5	0.0	2.1	*	0.0	5.0	*	20.0	8.0	*
Stroke	8	50.0	20.8	*	62.5	29.9	*	62.5	35.3	*
Hip Fracture	1	0.0	9.1	*	0.0	18.7	*	0.0	26.2	*
Sepsis	3	33.3	35.1	*	33.3	43.4	*	33.3	49.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	10.4	*	0.0	13.7	*	0.0	17.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	1.1	*	0.0	2.9	*	0.0	4.8	*
Cholecystectomy	4	25.0	3.8	*	25.0	5.5	*	25.0	6.5	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

KARLSTAD MEMORIAL HOSPITAL

First and Roosevelt
Karlstad, MN 56732

Medicare Provider Number: 240180

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	110	8.2	11.0	4.1	10.9	15.9	4.5	14.5	20.0	4.6
CONDITIONS:										
Acute Myocardial Infarction	5	0.0	27.3	*	0.0	31.0	*	0.0	35.2	*
Congestive Heart Failure	4	50.0	19.1	*	50.0	29.4	*	50.0	36.8	*
Pneumonia/Influenza	6	0.0	25.2	*	0.0	34.6	*	0.0	41.1	*
Chronic Obstructive Pulmonary Disease	3	33.3	6.7	*	33.3	11.3	*	33.3	15.8	*
Transient Cerebral Ischemia	4	0.0	2.5	*	0.0	6.0	*	25.0	9.8	*
Stroke	5	0.0	25.7	*	20.0	32.0	*	20.0	36.3	*
Hip Fracture	0									
Sepsis	2	50.0	36.6	*	50.0	42.9	*	50.0	50.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.5	*	0.0	1.1	*	0.0	1.9	*
Cholecystectomy	2	0.0	2.4	*	0.0	3.9	*	0.0	4.9	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	19
Occupancy Rate	21
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KARLSTAD MEMORIAL HOSPITAL

Medicare Provider Number: 240180

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	150	6.7	10.2	3.0	9.3	15.4	4.0	10.7	19.5	4.8
CONDITIONS:										
Acute Myocardial Infarction	9	0.0	28.7	*	0.0	33.6	*	0.0	37.7	*
Congestive Heart Failure	6	16.7	20.8	*	16.7	31.5	*	16.7	39.2	*
Pneumonia/Influenza	11	9.1	18.6	*	18.2	25.1	*	18.2	30.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	4.5	*	0.0	10.4	*	0.0	16.5	*
Stroke	11	9.1	19.6	*	9.1	26.0	*	9.1	30.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.9	*	0.0	2.4	*	0.0	4.1	*
Cholecystectomy	3	0.0	1.1	*	0.0	2.1	*	0.0	2.9	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	193	8.8	11.2	3.2	13.5	16.8	4.8	16.6	21.3	5.3
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	28.0	*	25.0	32.1	*	25.0	36.2	*
Congestive Heart Failure	15	20.0	17.8	*	20.0	27.2	*	33.3	34.6	*
Pneumonia/Influenza	13	7.7	19.8	*	30.8	26.8	*	38.5	32.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.0	*	0.0	9.7	*	0.0	13.9	*
Transient Cerebral Ischemia	3	0.0	1.1	*	0.0	2.2	*	0.0	3.3	*
Stroke	11	9.1	23.1	*	9.1	28.9	*	18.2	33.6	*
Hip Fracture	1	0.0	6.1	*	0.0	11.2	*	0.0	15.0	*
Sepsis	3	0.0	33.6	*	33.3	45.3	*	33.3	52.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.7	*	0.0	10.8	*	0.0	14.4	*
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	0.8	*	0.0	2.2	*	0.0	3.8	*
Cholecystectomy	7	0.0	2.6	*	0.0	5.2	*	0.0	7.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

KITTSON MEMORIAL HOSPITAL

1010 South Birch Avenue
Hallock, MN 56728

Medicare Provider Number: 240138

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	71	18.3	8.8	12.4	22.5	13.7	14.1	26.8	17.7	16.6
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	26.6	*	50.0	29.1	*	50.0	32.4	*
Congestive Heart Failure	6	33.3	15.9	*	33.3	24.2	*	50.0	31.2	*
Pneumonia/Influenza	1	0.0	29.1	*	100.0	41.3	*	100.0	49.9	*
Chronic Obstructive Pulmonary Disease	1	100.0	11.4	*	100.0	19.8	*	100.0	26.9	*
Transient Cerebral Ischemia	1	0.0	1.3	*	0.0	2.9	*	0.0	4.6	*
Stroke	5	100.0	26.7	*	100.0	34.0	*	100.0	39.2	*
Hip Fracture	5	20.0	5.2	*	20.0	9.3	*	40.0	12.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	3.3	*	50.0	6.6	*	50.0	9.3	*
Open Reduction of Hip Fracture	2	0.0	6.3	*	0.0	10.8	*	50.0	13.7	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	131
Occupancy Rate	69
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KITTSON MEMORIAL HOSPITAL

Medicare Provider Number: 240138

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	98	11.2	11.1	3.2	14.3	16.1	4.0	17.3	20.0	4.8
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	27.2	*	0.0	29.8	*	33.3	33.3	*
Congestive Heart Failure	7	14.3	14.6	*	14.3	22.0	*	28.6	28.4	*
Pneumonia/Influenza	6	0.0	15.0	*	0.0	20.0	*	0.0	24.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	1.2	*	0.0	2.8	*	0.0	4.5	*
Stroke	7	14.3	24.2	*	14.3	32.5	*	14.3	38.3	*
Hip Fracture	1	0.0	3.5	*	0.0	6.1	*	0.0	8.0	*
Sepsis	2	50.0	30.2	*	50.0	36.5	*	50.0	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.1	*	0.0	5.6	*	0.0	7.4	*
Prostatectomy	0									
Cholecystectomy	1	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	97	11.3	10.5	3.2	18.6	15.9	4.1	20.6	20.4	4.3
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	37.3	*	60.0	40.0	*	60.0	43.6	*
Congestive Heart Failure	5	0.0	13.2	*	20.0	20.3	*	40.0	26.8	*
Pneumonia/Influenza	9	11.1	13.7	*	11.1	18.2	*	11.1	22.2	*
Chronic Obstructive Pulmonary Disease	2	50.0	7.5	*	50.0	12.6	*	50.0	16.7	*
Transient Cerebral Ischemia	3	0.0	2.3	*	0.0	5.1	*	0.0	8.4	*
Stroke	4	0.0	20.3	*	50.0	26.2	*	50.0	30.9	*
Hip Fracture	4	0.0	5.9	*	0.0	11.8	*	0.0	16.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	6.8	*	0.0	14.8	*	0.0	20.9	*
Open Reduction of Hip Fracture	3	0.0	4.7	*	0.0	9.5	*	0.0	13.3	*
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAKE CITY HOSPITAL

904 South Lakeshore Dr
Lake City, MN 55041

Medicare Provider Number: 240090

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	236	10.2	12.0	2.6	14.0	17.9	3.6	18.6	22.3	4.5
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	32.2	*	0.0	37.6	*	0.0	42.7	*
Congestive Heart Failure	18	11.1	14.7	*	22.2	22.9	*	27.8	29.9	*
Pneumonia/Influenza	24	20.8	23.4	*	33.3	31.2	*	33.3	36.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.7	*	0.0	14.0	*	0.0	18.0	*
Transient Cerebral Ischemia	2	0.0	4.6	*	0.0	11.5	*	0.0	18.8	*
Stroke	16	25.0	25.2	*	25.0	32.3	*	31.3	37.4	*
Hip Fracture	14	7.1	6.9	*	14.3	12.7	*	14.3	16.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	7.2	*	18.2	13.6	*	18.2	17.9	*
Open Reduction of Hip Fracture	3	0.0	3.8	*	0.0	7.6	*	0.0	10.5	*
Prostatectomy	9	11.1	0.9	*	11.1	2.1	*	11.1	3.5	*
Cholecystectomy	2	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	29
Occupancy Rate	31
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LAKE CITY HOSPITAL

Medicare Provider Number: 240090

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	234	9.8	9.7	2.0	11.5	14.7	2.4	12.8	18.7	2.8
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	39.7	*	50.0	43.8	*	50.0	47.8	*
Congestive Heart Failure	22	27.3	15.9	*	31.8	23.6	*	36.4	30.3	*
Pneumonia/Influenza	27	14.8	17.0	*	18.5	22.8	*	22.2	27.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	7	0.0	2.3	*	0.0	5.3	*	0.0	8.6	*
Stroke	15	26.7	20.5	*	26.7	27.0	*	26.7	31.7	*
Hip Fracture	8	0.0	5.0	*	0.0	8.8	*	0.0	11.3	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	8.5	*	0.0	16.9	*	0.0	22.4	*
Open Reduction of Hip Fracture	4	0.0	3.9	*	0.0	7.3	*	0.0	9.7	*
Prostatectomy	11	0.0	1.1	*	0.0	2.7	*	0.0	4.5	*
Cholecystectomy	5	0.0	5.4	*	0.0	11.2	*	0.0	15.6	*
Hysterectomy	3	0.0	0.9	*	0.0	2.2	*	0.0	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	247	8.1	9.2	2.4	13.8	14.3	4.2	15.8	18.5	3.7
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	23.2	*	38.5	26.5	*	38.5	30.1	*
Congestive Heart Failure	20	15.0	16.2	*	20.0	25.0	*	20.0	32.2	*
Pneumonia/Influenza	22	9.1	17.6	*	31.8	24.3	*	31.8	29.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.6	*	0.0	13.3	*	0.0	18.6	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	3.9	*	0.0	6.3	*
Stroke	13	23.1	15.9	*	23.1	21.5	*	30.8	26.0	*
Hip Fracture	11	0.0	4.9	*	9.1	9.9	*	9.1	13.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	4.9	*	0.0	10.4	*	0.0	14.9	*
Open Reduction of Hip Fracture	2	0.0	3.6	*	0.0	7.3	*	0.0	10.0	*
Prostatectomy	3	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	2	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAKE REGION HOSPITAL

712 So Cascade
Fergus Falls, MN 56537

Medicare Provider Number: 240052

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,167	8.0	9.5	1.1	12.4	14.4	1.5	15.9	18.3	1.7
CONDITIONS:										
Acute Myocardial Infarction	46	19.6	26.1	*	21.7	29.5	*	23.9	32.8	*
Congestive Heart Failure	60	13.3	16.5	6.0	21.7	25.6	9.3	28.3	32.9	8.5
Pneumonia/Influenza	91	15.4	16.5	4.0	19.8	22.4	5.2	23.1	27.2	5.3
Chronic Obstructive Pulmonary Disease	17	11.8	8.7	*	17.6	16.2	*	29.4	22.6	*
Transient Cerebral Ischemia	14	0.0	2.4	*	0.0	5.7	*	0.0	9.1	*
Stroke	32	25.0	25.8	*	34.4	32.7	*	43.8	37.7	*
Hip Fracture	28	3.6	6.7	*	17.9	11.6	*	17.9	14.8	*
Sepsis	8	12.5	33.5	*	25.0	39.5	*	25.0	45.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	7.3	*	0.0	12.6	*	0.0	16.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	37	0.0	3.2	*	5.4	5.7	*	5.4	7.5	*
Open Reduction of Hip Fracture	12	8.3	5.9	*	25.0	11.0	*	25.0	14.2	*
Prostatectomy	59	0.0	1.3	2.0	1.7	3.4	2.6	3.4	6.0	3.6
Cholecystectomy	27	3.7	2.8	*	3.7	4.7	*	3.7	6.0	*
Hysterectomy	15	0.0	0.4	*	0.0	1.0	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	136
Occupancy Rate	65
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	76
Licensed Practical Nurses	24

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LAKE REGION HOSPITAL

Medicare Provider Number: 240052

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,081	8.0	10.1	1.2	11.7	14.9	1.5	15.2	18.7	1.7
CONDITIONS:										
Acute Myocardial Infarction	42	23.8	30.1	*	28.6	33.8	*	31.0	37.6	*
Congestive Heart Failure	47	10.6	17.3	*	17.0	26.4	*	27.7	33.6	*
Pneumonia/Influenza	66	13.6	19.0	6.2	18.2	25.7	6.7	27.3	30.8	6.4
Chronic Obstructive Pulmonary Disease	9	0.0	4.9	*	0.0	10.7	*	0.0	16.4	*
Transient Cerebral Ischemia	16	0.0	2.5	*	0.0	5.4	*	0.0	8.4	*
Stroke	26	34.6	31.1	*	46.2	38.9	*	53.8	44.6	*
Hip Fracture	39	5.1	6.1	*	5.1	10.9	*	7.7	14.1	*
Sepsis	7	0.0	23.2	*	0.0	28.2	*	0.0	33.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	11.1	*	0.0	14.6	*	0.0	18.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	0.0	2.5	*	4.0	4.7	*	4.0	6.2	*
Open Reduction of Hip Fracture	29	6.9	5.3	*	6.9	9.9	*	10.3	13.1	*
Prostatectomy	62	3.2	0.8	1.9	4.8	1.9	2.6	4.8	3.3	3.4
Cholecystectomy	33	9.1	4.7	*	9.1	8.2	*	9.1	10.4	*
Hysterectomy	12	0.0	1.6	*	0.0	3.1	*	0.0	4.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	930	8.7	10.1	1.4	12.6	14.9	2.0	17.0	18.7	2.1
CONDITIONS:										
Acute Myocardial Infarction	40	30.0	31.5	*	30.0	35.1	*	30.0	38.7	*
Congestive Heart Failure	44	13.6	19.7	*	27.3	29.9	*	40.9	37.8	*
Pneumonia/Influenza	67	20.9	20.0	5.1	28.4	27.2	5.7	32.8	32.8	6.2
Chronic Obstructive Pulmonary Disease	5	0.0	4.4	*	0.0	8.5	*	20.0	12.1	*
Transient Cerebral Ischemia	17	0.0	2.2	*	5.9	5.0	*	5.9	8.0	*
Stroke	36	19.4	26.1	*	19.4	32.1	*	25.0	36.6	*
Hip Fracture	22	0.0	4.5	*	9.1	8.6	*	9.1	11.7	*
Sepsis	10	20.0	26.5	*	20.0	33.6	*	40.0	39.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	6.0	*	16.7	9.6	*	16.7	12.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	0.0	2.0	*	4.5	3.8	*	4.5	5.2	*
Open Reduction of Hip Fracture	12	0.0	4.0	*	8.3	8.1	*	8.3	11.3	*
Prostatectomy	47	2.1	1.8	*	4.3	4.4	*	6.4	7.0	*
Cholecystectomy	27	3.7	3.9	*	7.4	6.8	*	7.4	8.6	*
Hysterectomy	7	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAKEFIELD MUNICIPAL HOSPITAL

220 Milwaukee St
Lakefield, MN 56150

Medicare Provider Number: 240091

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	117	14.5	11.1	3.4	17.1	16.6	3.8	18.8	21.1	4.0
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	19.4	*	50.0	21.8	*	50.0	24.6	*
Congestive Heart Failure	10	50.0	15.7	*	50.0	24.5	*	50.0	31.7	*
Pneumonia/Influenza	16	18.8	18.7	*	18.8	25.2	*	25.0	30.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	5	0.0	24.8	*	0.0	32.4	*	0.0	37.6	*
Hip Fracture	0									
Sepsis	2	0.0	15.4	*	0.0	19.3	*	0.0	23.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.3	*	50.0	6.5	*	50.0	9.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy	5	0.0	3.5	*	0.0	6.6	*	0.0	9.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds	18
Ownership/Control	Local Government

STAFFING:

Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

LAKEFIELD MUNICIPAL HOSPITAL

Medicare Provider Number: 240091

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	127	6.3	10.0	4.2	14.2	14.8	5.6	15.7	18.9	4.9
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	25.2	*	16.7	28.4	*	16.7	31.5	*
Congestive Heart Failure	14	14.3	17.2	*	21.4	26.2	*	21.4	33.4	*
Pneumonia/Influenza	8	0.0	20.6	*	12.5	27.4	*	12.5	32.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.8	*	0.0	10.3	*	0.0	14.6	*
Transient Cerebral Ischemia	7	0.0	2.1	*	14.3	4.5	*	28.6	7.2	*
Stroke	4	25.0	18.6	*	25.0	25.4	*	25.0	30.4	*
Hip Fracture	1	0.0	4.3	*	0.0	8.3	*	0.0	11.1	*
Sepsis	1	0.0	14.4	*	0.0	18.9	*	0.0	23.1	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.0	*	0.0	2.4	*	0.0	4.0	*
Cholecystectomy	6	0.0	1.8	*	0.0	2.9	*	0.0	3.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	108	12.0	10.5	4.0	16.7	15.2	3.7	18.5	19.3	3.9
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	20.6	*	50.0	25.6	*	50.0	29.8	*
Congestive Heart Failure	2	0.0	16.4	*	0.0	24.5	*	0.0	31.5	*
Pneumonia/Influenza	9	11.1	17.0	*	22.2	23.3	*	33.3	28.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.8	*	0.0	10.3	*	0.0	15.8	*
Transient Cerebral Ischemia	2	0.0	1.8	*	0.0	4.0	*	0.0	6.0	*
Stroke	8	62.5	30.1	*	75.0	36.7	*	75.0	41.6	*
Hip Fracture	0									
Sepsis	1	0.0	58.6	*	0.0	64.7	*	0.0	71.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.0	*	0.0	2.3	*	0.0	3.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.9	*	0.0	5.2	*	0.0	8.8	*
Cholecystectomy	6	16.7	4.2	*	16.7	8.6	*	16.7	12.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAKEVIEW MEMORIAL HOSPITAL

919 West Anderson Street
Stillwater, MN 55082

Medicare Provider Number: 240066

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	461	9.1	6.4	1.4	13.7	9.9	1.9	17.1	12.8	2.1
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	27.9	*	33.3	31.0	*	40.0	34.4	*
Congestive Heart Failure	19	26.3	12.5	*	31.6	20.3	*	42.1	26.8	*
Pneumonia/Influenza	24	20.8	15.9	*	25.0	22.8	*	33.3	28.0	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	11	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke	14	28.6	17.6	*	42.9	23.8	*	50.0	28.3	*
Hip Fracture	20	5.0	8.3	*	10.0	14.7	*	20.0	18.8	*
Sepsis	6	16.7	21.7	*	16.7	30.4	*	33.3	36.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	30	3.3	1.8	*	3.3	3.4	*	10.0	4.7	*
Open Reduction of Hip Fracture	4	0.0	5.2	*	0.0	10.6	*	0.0	14.5	*
Prostatectomy	8	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	6	16.7	2.5	*	16.7	4.3	*	33.3	5.4	*
Hysterectomy	9	11.1	0.6	*	11.1	1.4	*	33.3	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	59
Occupancy Rate	51
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	45
Percent of Physicians Board Certified Specialists	98
Medical Residents/Interns	0
Registered Nurses	48
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LAKEVIEW MEMORIAL HOSPITAL

Medicare Provider Number: 240066

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	511	11.2	7.0	1.7	14.7	10.7	1.8	18.0	13.6	2.0
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	24.5	*	27.3	27.6	*	45.5	30.9	*
Congestive Heart Failure	23	21.7	13.5	*	30.4	21.7	*	39.1	28.6	*
Pneumonia/Influenza	21	14.3	17.5	*	14.3	23.9	*	19.0	29.1	*
Chronic Obstructive Pulmonary Disease	3	33.3	5.4	*	33.3	9.2	*	33.3	12.6	*
Transient Cerebral Ischemia	9	0.0	1.5	*	0.0	3.3	*	0.0	5.2	*
Stroke	21	52.4	22.8	*	52.4	29.1	*	52.4	34.1	*
Hip Fracture	26	15.4	7.2	*	15.4	13.5	*	15.4	17.6	*
Sepsis	1	100.0	19.2	*	100.0	23.1	*	100.0	28.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	42	2.4	1.8	*	2.4	3.6	*	2.4	4.8	*
Open Reduction of Hip Fracture	5	0.0	6.4	*	0.0	13.1	*	0.0	18.0	*
Prostatectomy	17	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*
Cholecystectomy	6	0.0	2.8	*	0.0	5.9	*	0.0	8.9	*
Hysterectomy	8	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	520	9.8	7.4	1.4	13.5	11.2	1.6	16.2	14.3	1.7
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	26.2	*	25.0	29.7	*	31.3	33.2	*
Congestive Heart Failure	23	47.8	15.2	*	52.2	23.6	*	52.2	30.4	*
Pneumonia/Influenza	21	4.8	17.0	*	9.5	23.6	*	14.3	28.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	2.4	*	0.0	4.4	*	0.0	6.3	*
Transient Cerebral Ischemia	12	0.0	2.1	*	0.0	4.8	*	0.0	7.8	*
Stroke	24	29.2	18.4	*	33.3	24.6	*	33.3	29.3	*
Hip Fracture	24	8.3	5.6	*	8.3	10.7	*	8.3	14.2	*
Sepsis	6	16.7	36.8	*	66.7	44.9	*	66.7	51.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	31	0.0	2.1	*	0.0	4.1	*	0.0	5.5	*
Open Reduction of Hip Fracture	5	20.0	2.3	*	20.0	4.7	*	20.0	6.6	*
Prostatectomy	19	0.0	0.6	*	0.0	1.5	*	0.0	2.4	*
Cholecystectomy	7	0.0	1.9	*	14.3	4.1	*	14.3	5.8	*
Hysterectomy	5	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAKEVIEW MEMORIAL HOSPITAL INC

11th Avenue and Fourth Street
Two Harbors, MN 55616

Medicare Provider Number: 240051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	200	10.0	10.3	2.3	19.0	14.7	3.3	22.0	18.5	4.0
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	28.5	*	35.7	30.9	*	35.7	34.1	*
Congestive Heart Failure	13	0.0	16.3	*	15.4	24.8	*	15.4	31.9	*
Pneumonia/Influenza	7	28.6	24.0	*	42.9	33.8	*	42.9	41.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	8.4	*	0.0	15.1	*	0.0	20.9	*
Transient Cerebral Ischemia	1	0.0	1.1	*	0.0	2.2	*	0.0	3.5	*
Stroke	6	50.0	35.7	*	66.7	41.8	*	83.3	46.6	*
Hip Fracture	0									
Sepsis	3	0.0	18.9	*	0.0	24.8	*	0.0	29.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.1	*	0.0	1.8	*	0.0	2.3	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	80
Occupancy Rate	65
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

LAKEVIEW MEMORIAL HOSPITAL INC

Medicare Provider Number: 240051

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	196	9.2	10.8	2.9	15.8	15.5	2.6	19.4	19.3	3.3
CONDITIONS:										
Acute Myocardial Infarction	6	0.0	21.5	*	0.0	25.7	*	16.7	29.8	*
Congestive Heart Failure	10	10.0	11.3	*	10.0	17.3	*	20.0	22.5	*
Pneumonia/Influenza	4	0.0	23.4	*	0.0	32.4	*	25.0	38.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.0	*	0.0	8.8	*	0.0	12.7	*
Transient Cerebral Ischemia	3	0.0	2.7	*	33.3	6.3	*	33.3	10.0	*
Stroke	10	30.0	30.3	*	40.0	36.7	*	40.0	41.7	*
Hip Fracture	3	0.0	4.3	*	0.0	8.1	*	0.0	10.5	*
Sepsis	4	0.0	14.8	*	0.0	18.8	*	0.0	23.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.8	*	0.0	7.8	*	0.0	10.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	3.0	*	0.0	4.6	*	0.0	5.4	*
Hysterectomy	5	20.0	0.7	*	40.0	1.6	*	40.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	173	12.1	9.4	2.8	17.3	13.7	3.7	20.2	17.3	3.3
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	32.5	*	41.7	37.7	*	50.0	41.9	*
Congestive Heart Failure	9	22.2	11.8	*	22.2	18.0	*	44.4	23.7	*
Pneumonia/Influenza	5	40.0	22.2	*	40.0	30.2	*	40.0	35.7	*
Chronic Obstructive Pulmonary Disease	3	66.7	12.3	*	66.7	23.4	*	66.7	33.9	*
Transient Cerebral Ischemia	1	0.0	3.0	*	0.0	6.8	*	0.0	10.5	*
Stroke	8	50.0	30.4	*	62.5	38.4	*	62.5	44.2	*
Hip Fracture	3	0.0	3.5	*	0.0	6.7	*	0.0	9.0	*
Sepsis	1	0.0	16.1	*	0.0	22.4	*	0.0	27.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	2.6	*	0.0	5.1	*	0.0	7.0	*
Open Reduction of Hip Fracture	1	0.0	4.2	*	0.0	8.4	*	0.0	11.6	*
Prostatectomy	0									
Cholecystectomy	1	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy	5	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LONG PRAIRIE MEMORIAL HOSPITAL

20 9th Street S E
Long Prairie, MN 56347

Medicare Provider Number: 240142

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	185	11.4	9.1	5.1	14.6	14.3	5.5	16.8	18.6	4.8
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	24.9	*	30.8	28.7	*	30.8	32.8	*
Congestive Heart Failure	11	27.3	14.4	*	36.4	22.6	*	45.5	29.7	*
Pneumonia/Influenza	11	9.1	14.4	*	9.1	19.3	*	18.2	23.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.5	*	0.0	12.3	*	0.0	17.5	*
Transient Cerebral Ischemia	2	0.0	1.4	*	0.0	3.2	*	0.0	5.2	*
Stroke	5	40.0	16.5	*	60.0	21.7	*	60.0	26.1	*
Hip Fracture	8	12.5	7.0	*	12.5	12.8	*	12.5	16.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	10.2	*	0.0	18.9	*	0.0	24.1	*
Open Reduction of Hip Fracture	5	20.0	4.1	*	20.0	8.0	*	20.0	10.9	*
Prostatectomy	10	0.0	1.0	*	0.0	2.6	*	0.0	4.6	*
Cholecystectomy	2	0.0	1.2	*	0.0	2.0	*	0.0	2.7	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	157
Occupancy Rate	85
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LONG PRAIRIE MEMORIAL HOSPITAL

Medicare Provider Number: 240142

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	135	15.6	12.3	3.9	18.5	17.4	3.5	20.7	21.5	3.6
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	32.8	*	30.0	37.1	*	40.0	41.4	*
Congestive Heart Failure	10	10.0	14.7	*	20.0	21.7	*	30.0	28.0	*
Pneumonia/Influenza	11	27.3	22.6	*	36.4	29.5	*	36.4	34.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.1	*	0.0	9.5	*	0.0	13.9	*
Transient Cerebral Ischemia	1	100.0	2.4	*	100.0	5.6	*	100.0	9.2	*
Stroke	4	0.0	22.6	*	0.0	29.9	*	0.0	35.3	*
Hip Fracture	5	20.0	4.3	*	20.0	8.5	*	40.0	11.5	*
Sepsis	2	50.0	37.6	*	50.0	43.3	*	50.0	49.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.7	*	0.0	1.6	*	0.0	2.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	4.1	*	25.0	8.6	*	50.0	11.8	*
Open Reduction of Hip Fracture	1	0.0	3.2	*	0.0	6.4	*	0.0	8.7	*
Prostatectomy	6	0.0	2.0	*	0.0	5.4	*	0.0	9.6	*
Cholecystectomy	4	0.0	1.1	*	0.0	2.1	*	0.0	2.9	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	77	13.0	11.6	4.4	18.2	16.9	4.4	20.8	21.5	4.7
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	33.0	*	33.3	36.4	*	33.3	40.3	*
Congestive Heart Failure	0									
Pneumonia/Influenza	9	22.2	20.2	*	33.3	27.0	*	44.4	32.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.7	*	0.0	14.6	*	0.0	19.6	*
Transient Cerebral Ischemia	2	50.0	1.2	*	50.0	2.6	*	50.0	4.1	*
Stroke	4	50.0	23.1	*	50.0	28.4	*	50.0	33.0	*
Hip Fracture	4	25.0	5.1	*	25.0	10.9	*	25.0	15.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.9	*	0.0	4.9	*	0.0	6.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	5.5	*	33.3	12.0	*	33.3	17.4	*
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.1	*	0.0	2.8	*	0.0	4.6	*
Cholecystectomy	2	0.0	1.4	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LUVERNE COMMUNITY HOSPITAL

305 East Luverne Street
Luverne, MN 56156

Medicare Provider Number: 240128

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	324	9.3	11.5	6.0	13.6	17.5	7.2	19.1	21.9	5.9
CONDITIONS:										
Acute Myocardial Infarction	14	14.3	24.1	*	14.3	27.4	*	14.3	30.5	*
Congestive Heart Failure	21	19.0	19.6	*	38.1	29.6	*	42.9	37.6	*
Pneumonia/Influenza	23	8.7	17.7	*	13.0	24.5	*	21.7	29.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	9.9	*	25.0	22.8	*	50.0	35.4	*
Transient Cerebral Ischemia	3	0.0	4.1	*	0.0	9.7	*	0.0	15.1	*
Stroke	11	18.2	27.8	*	18.2	36.3	*	18.2	41.6	*
Hip Fracture	11	9.1	6.9	*	18.2	12.7	*	18.2	16.7	*
Sepsis	1	0.0	26.9	*	0.0	37.2	*	0.0	46.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	6.0	*	0.0	12.0	*	0.0	16.2	*
Open Reduction of Hip Fracture	4	0.0	5.4	*	25.0	10.6	*	25.0	14.3	*
Prostatectomy	2	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*
Cholecystectomy	12	0.0	1.6	*	0.0	2.8	*	0.0	3.5	*
Hysterectomy	6	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	38
Occupancy Rate	45
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	18

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LUVERNE COMMUNITY HOSPITAL

Medicare Provider Number: 240128

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	335	12.2	11.7	1.8	16.4	17.5	2.3	19.4	22.1	2.9
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	33.3	*	37.5	36.5	*	37.5	40.3	*
Congestive Heart Failure	22	36.4	17.4	*	50.0	26.3	*	59.1	33.5	*
Pneumonia/Influenza	12	8.3	19.9	*	8.3	27.0	*	16.7	32.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	10.5	*	25.0	21.0	*	25.0	30.5	*
Transient Cerebral Ischemia	11	0.0	3.1	*	0.0	7.0	*	18.2	11.3	*
Stroke	18	27.8	25.5	*	33.3	32.5	*	33.3	37.4	*
Hip Fracture	13	7.7	6.5	*	7.7	12.3	*	7.7	16.1	*
Sepsis	3	33.3	37.8	*	33.3	45.6	*	33.3	53.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	8.1	*	0.0	13.6	*	0.0	17.2	*
Open Reduction of Hip Fracture	3	33.3	8.0	*	33.3	15.1	*	33.3	19.5	*
Prostatectomy	5	0.0	1.3	*	0.0	3.5	*	0.0	6.3	*
Cholecystectomy	8	0.0	1.9	*	0.0	3.4	*	0.0	4.4	*
Hysterectomy	4	0.0	1.2	*	0.0	2.3	*	25.0	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	318	12.3	11.8	1.9	16.4	17.3	2.2	19.8	21.7	2.6
CONDITIONS:										
Acute Myocardial Infarction	18	33.3	37.8	*	44.4	41.9	*	50.0	46.1	*
Congestive Heart Failure	25	12.0	19.3	*	24.0	28.0	*	32.0	35.3	*
Pneumonia/Influenza	20	20.0	25.8	*	25.0	34.8	*	30.0	41.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	5.6	*	0.0	8.7	*	0.0	12.6	*
Transient Cerebral Ischemia	6	16.7	2.4	*	16.7	5.4	*	16.7	8.8	*
Stroke	19	21.1	24.9	*	26.3	31.9	*	26.3	37.0	*
Hip Fracture	10	0.0	6.2	*	0.0	11.5	*	0.0	15.0	*
Sepsis	1	100.0	32.5	*	100.0	61.3	*	100.0	77.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	7.6	*	25.0	11.6	*	25.0	14.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	7.1	*	0.0	13.1	*	0.0	17.1	*
Open Reduction of Hip Fracture	5	0.0	5.8	*	0.0	11.2	*	0.0	15.0	*
Prostatectomy	3	0.0	1.0	*	0.0	2.6	*	0.0	4.4	*
Cholecystectomy	6	0.0	0.8	*	0.0	1.4	*	0.0	2.0	*
Hysterectomy	7	0.0	1.1	*	0.0	2.4	*	0.0	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MADELIA COMMUNITY HOSPITAL

121 Drew Ave SE
Madelia, MN 56062

Medicare Provider Number: 240129

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	155	13.5	10.1	3.1	18.7	15.2	3.3	21.3	19.4	4.5
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	21.0	*	42.9	24.1	*	42.9	27.5	*
Congestive Heart Failure	9	11.1	16.7	*	11.1	26.2	*	22.2	33.9	*
Pneumonia/Influenza	18	16.7	17.5	*	16.7	24.3	*	16.7	29.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.5	*	0.0	10.2	*	0.0	14.6	*
Transient Cerebral Ischemia	2	0.0	1.0	*	0.0	2.2	*	0.0	3.3	*
Stroke	6	33.3	19.9	*	33.3	26.4	*	33.3	31.4	*
Hip Fracture	2	0.0	4.0	*	0.0	8.2	*	0.0	11.4	*
Sepsis	1	0.0	57.5	*	100.0	64.1	*	100.0	71.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.0	*	0.0	6.2	*	0.0	8.9	*
Prostatectomy	0									
Cholecystectomy	1	0.0	2.2	*	0.0	3.4	*	0.0	4.1	*
Hysterectomy	1	0.0	2.7	*	0.0	6.4	*	0.0	10.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	25
Occupancy Rate	24
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	33
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MADELIA COMMUNITY HOSPITAL

Medicare Provider Number: 240129

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	159	11.3	9.2	2.9	14.5	13.7	2.8	18.2	17.5	3.1
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	27.1	*	42.9	30.3	*	42.9	34.0	*
Congestive Heart Failure	12	25.0	12.8	*	25.0	19.2	*	25.0	24.8	*
Pneumonia/Influenza	15	20.0	18.3	*	33.3	24.5	*	33.3	29.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.1	*	0.0	2.3	*	100.0	3.5	*
Stroke	5	20.0	20.8	*	20.0	26.9	*	20.0	31.5	*
Hip Fracture	0									
Sepsis	1	0.0	43.3	*	0.0	50.2	*	0.0	58.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	100.0	1.3	*	100.0	2.3	*	100.0	3.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	169	15.4	11.3	2.9	20.1	16.8	3.2	26.0	21.2	3.6
CONDITIONS:										
Acute Myocardial Infarction	10	40.0	27.6	*	40.0	31.7	*	50.0	36.2	*
Congestive Heart Failure	15	6.7	14.6	*	13.3	22.5	*	26.7	29.2	*
Pneumonia/Influenza	10	50.0	23.7	*	60.0	31.8	*	70.0	38.1	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.1	*	0.0	8.4	*	0.0	12.1	*
Transient Cerebral Ischemia	2	0.0	1.9	*	0.0	4.2	*	0.0	6.9	*
Stroke	11	9.1	18.4	*	9.1	23.7	*	18.2	28.1	*
Hip Fracture	3	0.0	5.1	*	0.0	9.0	*	0.0	11.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.6	*	0.0	10.2	*	0.0	13.5	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	25.0	4.0	*	25.0	6.4	*	25.0	7.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MADISON HOSPITAL

820 Third Avenue
Madison, MN 56256

Medicare Provider Number: 240143

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	139	12.2	12.8	3.3	16.5	18.2	4.1	21.6	22.7	4.5
CONDITIONS:										
Acute Myocardial Infarction	6	66.7	33.2	*	83.3	37.9	*	83.3	42.6	*
Congestive Heart Failure	4	25.0	21.3	*	25.0	32.2	*	25.0	40.8	*
Pneumonia/Influenza	15	6.7	17.1	*	13.3	22.9	*	13.3	27.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.9	*	0.0	8.7	*	0.0	12.3	*
Transient Cerebral Ischemia	3	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke	2	100.0	29.5	*	100.0	39.7	*	100.0	45.4	*
Hip Fracture	4	0.0	7.8	*	0.0	13.4	*	0.0	17.2	*
Sepsis	4	50.0	49.3	*	50.0	58.4	*	50.0	67.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	8.3	*	0.0	14.6	*	0.0	18.8	*
Open Reduction of Hip Fracture	2	0.0	3.6	*	0.0	6.8	*	0.0	9.2	*
Prostatectomy	6	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	3	0.0	3.9	*	0.0	6.6	*	0.0	7.9	*
Hysterectomy	3	0.0	1.4	*	0.0	2.8	*	33.3	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	21
Occupancy Rate	19
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MADISON HOSPITAL

Medicare Provider Number: 240143

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	131	10.7	11.1	3.5	16.8	16.8	4.3	19.8	21.3	3.8
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	40.9	*	0.0	44.4	*	0.0	48.9	*
Congestive Heart Failure	5	20.0	24.0	*	20.0	34.8	*	40.0	43.2	*
Pneumonia/Influenza	6	16.7	17.6	*	33.3	23.7	*	33.3	28.0	*
Chronic Obstructive Pulmonary Disease	2	50.0	11.6	*	50.0	21.9	*	50.0	30.0	*
Transient Cerebral Ischemia	3	0.0	2.1	*	33.3	4.7	*	33.3	7.5	*
Stroke	5	40.0	22.9	*	40.0	28.7	*	40.0	33.1	*
Hip Fracture	8	12.5	9.3	*	25.0	18.3	*	25.0	24.3	*
Sepsis	5	0.0	36.8	*	0.0	46.5	*	20.0	54.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	7.2	*	16.7	14.5	*	16.7	19.5	*
Open Reduction of Hip Fracture	2	50.0	12.2	*	50.0	25.5	*	50.0	35.4	*
Prostatectomy	3	0.0	1.0	*	0.0	2.4	*	0.0	3.8	*
Cholecystectomy	3	0.0	2.9	*	0.0	4.9	*	0.0	6.0	*
Hysterectomy	2	0.0	0.4	*	0.0	0.9	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	163	7.4	10.6	4.6	11.0	15.7	5.1	17.2	19.8	4.0
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	39.3	*	36.4	44.5	*	45.5	48.9	*
Congestive Heart Failure	6	16.7	28.4	*	16.7	41.6	*	16.7	50.5	*
Pneumonia/Influenza	16	12.5	15.0	*	18.8	20.6	*	31.3	25.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.4	*	0.0	14.8	*	0.0	21.8	*
Transient Cerebral Ischemia	1	0.0	6.9	*	0.0	17.0	*	0.0	28.6	*
Stroke	2	0.0	24.2	*	0.0	31.3	*	50.0	36.8	*
Hip Fracture	6	0.0	5.0	*	16.7	9.2	*	16.7	12.3	*
Sepsis	5	20.0	31.9	*	20.0	40.0	*	20.0	46.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	0.0	4.3	*	16.7	8.4	*	16.7	11.4	*
Prostatectomy	6	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*
Cholecystectomy	3	0.0	3.4	*	0.0	6.5	*	0.0	8.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MAHNOMEN COUNTY AND VILLAGE HOSPITAL

414 West Jefferson
Mahnomen, MN 56557

Medicare Provider Number: 240148

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	85	9.4	10.3	5.0	12.9	15.1	5.0	22.4	18.8	9.6
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	22.9	*	40.0	25.9	*	40.0	29.4	*
Congestive Heart Failure	6	0.0	15.2	*	16.7	23.9	*	66.7	31.1	*
Pneumonia/Influenza	10	10.0	17.6	*	20.0	24.0	*	30.0	28.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.7	*	0.0	10.1	*	0.0	15.4	*
Transient Cerebral Ischemia	1	0.0	1.3	*	0.0	2.9	*	0.0	4.6	*
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	29.7	*	0.0	35.1	*	0.0	41.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	6	0.0	1.6	*	0.0	3.1	*	0.0	4.2	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	18
Ownership/Control	Local Government
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

MAHNOMEN COUNTY AND VILLAGE HOSPITAL

Medicare Provider Number: 240148

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	77	11.7	10.2	5.1	14.3	15.3	6.5	15.6	19.3	7.5
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	33.7	*	25.0	36.8	*	25.0	40.2	*
Congestive Heart Failure	5	40.0	20.0	*	40.0	28.9	*	40.0	36.4	*
Pneumonia/Influenza	2	0.0	13.3	*	0.0	18.2	*	0.0	21.9	*
Chronic Obstructive Pulmonary Disease	5	20.0	11.1	*	20.0	19.4	*	20.0	25.9	*
Transient Cerebral Ischemia	1	0.0	2.3	*	0.0	5.4	*	0.0	8.7	*
Stroke	2	0.0	24.4	*	50.0	30.9	*	50.0	35.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.8	*	0.0	2.6	*	0.0	3.2	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	89	9.0	9.7	3.9	14.6	13.7	3.7	18.0	17.4	4.1
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	43.3	*	28.6	48.2	*	42.9	53.2	*
Congestive Heart Failure	4	0.0	12.2	*	25.0	19.1	*	25.0	25.3	*
Pneumonia/Influenza	5	20.0	14.4	*	20.0	20.5	*	20.0	25.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	13.5	*	0.0	27.9	*	0.0	39.6	*
Transient Cerebral Ischemia	1	0.0	2.3	*	0.0	4.6	*	0.0	7.2	*
Stroke	2	50.0	16.9	*	50.0	22.5	*	50.0	26.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	3.8	*	0.0	6.5	*	0.0	8.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEEKER COUNTY MEMORIAL HOSPITAL

612 South Sibley Ave
Litchfield, MN 55355

Medicare Provider Number: 240133

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	259	8.1	11.0	7.1	14.3	15.9	10.7	17.0	19.8	13.7
CONDITIONS:										
Acute Myocardial Infarction	15	40.0	35.2	*	53.3	39.9	*	53.3	44.2	*
Congestive Heart Failure	12	0.0	19.7	*	8.3	30.3	*	25.0	37.9	*
Pneumonia/Influenza	29	10.3	16.2	*	24.1	22.2	*	27.6	27.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	19.0	*	50.0	29.3	*	50.0	37.2	*
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	4.2	*	0.0	6.8	*
Stroke	7	14.3	27.5	*	42.9	34.8	*	42.9	39.7	*
Hip Fracture	8	12.5	6.5	*	12.5	11.3	*	12.5	14.4	*
Sepsis	4	0.0	12.7	*	0.0	16.4	*	0.0	19.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	8.8	*	50.0	11.9	*	50.0	14.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	4.9	*	0.0	9.5	*	0.0	12.7	*
Open Reduction of Hip Fracture	3	33.3	7.8	*	33.3	13.4	*	33.3	16.7	*
Prostatectomy	6	0.0	1.0	*	0.0	2.8	*	0.0	5.1	*
Cholecystectomy	10	0.0	4.3	*	0.0	7.2	*	0.0	8.9	*
Hysterectomy	2	50.0	2.8	*	50.0	6.2	*	50.0	10.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	38
Occupancy Rate	34
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	20
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEEKER COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 240133

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	237	16.9	12.9	3.6	24.9	18.5	4.7	27.0	23.0	4.0
CONDITIONS:										
Acute Myocardial Infarction	18	50.0	35.0	*	61.1	38.4	*	61.1	42.1	*
Congestive Heart Failure	6	33.3	20.1	*	50.0	29.6	*	50.0	37.3	*
Pneumonia/Influenza	27	22.2	22.8	*	22.2	30.7	*	25.9	36.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.8	*	0.0	11.5	*	0.0	16.3	*
Transient Cerebral Ischemia	2	50.0	2.0	*	100.0	4.6	*	100.0	7.3	*
Stroke	11	9.1	18.7	*	27.3	25.0	*	36.4	29.6	*
Hip Fracture	2	0.0	5.2	*	0.0	10.3	*	0.0	14.0	*
Sepsis	6	66.7	32.1	*	83.3	46.9	*	83.3	56.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	27.3	*	100.0	31.5	*	100.0	35.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	4.3	*	0.0	8.9	*	0.0	12.0	*
Open Reduction of Hip Fracture	1	0.0	4.8	*	0.0	10.3	*	0.0	14.6	*
Prostatectomy	11	0.0	0.6	*	9.1	1.6	*	9.1	2.9	*
Cholecystectomy	6	0.0	1.7	*	0.0	3.5	*	0.0	4.7	*
Hysterectomy	3	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	322	10.9	11.7	2.0	17.4	16.8	2.5	20.8	21.0	2.3
CONDITIONS:										
Acute Myocardial Infarction	17	52.9	40.6	*	52.9	44.6	*	58.8	48.8	*
Congestive Heart Failure	13	30.8	18.1	*	38.5	27.9	*	38.5	35.9	*
Pneumonia/Influenza	22	22.7	20.6	*	22.7	28.4	*	31.8	34.4	*
Chronic Obstructive Pulmonary Disease	5	20.0	11.9	*	40.0	18.9	*	40.0	26.3	*
Transient Cerebral Ischemia	6	0.0	3.3	*	16.7	7.5	*	16.7	12.2	*
Stroke	18	5.6	30.5	*	16.7	38.1	*	38.9	43.6	*
Hip Fracture	8	12.5	6.5	*	12.5	11.6	*	12.5	14.9	*
Sepsis	3	0.0	32.8	*	0.0	38.1	*	0.0	44.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	4.0	*	0.0	7.5	*	0.0	9.9	*
Open Reduction of Hip Fracture	3	33.3	8.0	*	33.3	14.7	*	33.3	18.7	*
Prostatectomy	15	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	9	11.1	3.9	*	22.2	6.7	*	22.2	8.1	*
Hysterectomy	2	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MELROSE HOSPITAL

11 N 5th Ave W
Melrose, MN 56352

Medicare Provider Number: 240110

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	136	10.3	14.5	4.2	18.4	20.9	6.2	19.9	25.8	5.7
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	27.0	*	0.0	29.9	*	0.0	33.4	*
Congestive Heart Failure	10	30.0	24.5	*	30.0	37.9	*	30.0	47.7	*
Pneumonia/Influenza	17	11.8	15.9	*	29.4	22.1	*	29.4	27.2	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.1	*	25.0	9.3	*	50.0	13.4	*
Transient Cerebral Ischemia	0									
Stroke	6	16.7	23.8	*	16.7	32.1	*	16.7	37.2	*
Hip Fracture	0									
Sepsis	3	0.0	40.3	*	33.3	50.1	*	33.3	57.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	1.2	*	0.0	2.7	*	0.0	4.1	*
Cholecystectomy	4	0.0	3.7	*	0.0	6.5	*	0.0	7.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	103
Occupancy Rate	78
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MELROSE HOSPITAL

Medicare Provider Number: 240110

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	135	12.6	13.0	4.2	17.8	19.7	5.5	20.7	24.6	7.1
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	16.5	*	0.0	18.4	*	0.0	20.9	*
Congestive Heart Failure	14	28.6	20.3	*	35.7	29.9	*	35.7	37.5	*
Pneumonia/Influenza	12	8.3	22.6	*	8.3	28.7	*	16.7	33.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.5	*	0.0	6.6	*	0.0	9.3	*
Transient Cerebral Ischemia	3	0.0	2.7	*	0.0	6.0	*	0.0	9.1	*
Stroke	4	25.0	35.1	*	50.0	46.1	*	50.0	51.3	*
Hip Fracture	0									
Sepsis	3	33.3	40.3	*	33.3	53.7	*	33.3	60.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.6	*	0.0	1.6	*	0.0	2.6	*
Cholecystectomy	2	0.0	1.2	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	97	11.3	11.3	3.5	13.4	17.2	4.6	17.5	21.8	5.3
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	22.9	*	16.7	26.8	*	16.7	30.6	*
Congestive Heart Failure	7	28.6	26.7	*	28.6	38.2	*	42.9	47.1	*
Pneumonia/Influenza	9	22.2	22.1	*	33.3	29.2	*	33.3	34.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.8	*	0.0	9.5	*	0.0	14.1	*
Transient Cerebral Ischemia	1	0.0	0.8	*	0.0	1.7	*	0.0	2.7	*
Stroke	2	0.0	13.8	*	0.0	19.5	*	0.0	23.4	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	0.9	*	0.0	2.5	*	0.0	4.6	*
Cholecystectomy	3	0.0	2.2	*	0.0	4.2	*	0.0	5.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL HOSPITAL

665 3rd St SW
Perham, MN 56573

Medicare Provider Number: 240103

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	251	10.4	13.7	4.0	18.3	19.6	4.4	22.7	23.9	3.6
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	28.3	*	31.3	31.6	*	31.3	35.1	*
Congestive Heart Failure	11	9.1	18.9	*	27.3	27.8	*	45.5	34.9	*
Pneumonia/Influenza	37	10.8	24.5	*	24.3	32.8	*	35.1	38.5	*
Chronic Obstructive Pulmonary Disease	1	100.0	21.4	*	100.0	33.7	*	100.0	41.9	*
Transient Cerebral Ischemia	0									
Stroke	5	20.0	16.7	*	20.0	21.4	*	20.0	25.4	*
Hip Fracture	7	0.0	5.8	*	0.0	10.2	*	0.0	13.3	*
Sepsis	1	0.0	24.5	*	0.0	31.0	*	0.0	35.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	4.3	*	0.0	8.2	*	0.0	11.0	*
Open Reduction of Hip Fracture	1	0.0	7.9	*	0.0	15.0	*	0.0	19.5	*
Prostatectomy	0									
Cholecystectomy	4	0.0	2.0	*	0.0	3.4	*	0.0	4.2	*
Hysterectomy	4	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	131
Occupancy Rate	85
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL

Medicare Provider Number: 240103

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	213	8.5	12.2	3.1	13.6	17.7	4.3	16.0	21.8	3.8
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	34.7	*	12.5	39.1	*	12.5	43.1	*
Congestive Heart Failure	8	12.5	19.2	*	50.0	29.2	*	50.0	37.0	*
Pneumonia/Influenza	32	6.3	19.5	*	6.3	25.8	*	6.3	30.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.6	*	0.0	9.9	*	0.0	14.4	*
Transient Cerebral Ischemia	0									
Stroke	7	0.0	21.6	*	0.0	27.4	*	0.0	32.2	*
Hip Fracture	11	0.0	4.6	*	9.1	8.9	*	9.1	11.9	*
Sepsis	3	0.0	33.7	*	0.0	42.2	*	0.0	49.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	4.3	*	9.1	8.7	*	9.1	11.7	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	1.3	*	0.0	2.3	*	0.0	3.0	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	161	13.0	12.0	2.7	18.6	17.6	3.9	20.5	21.9	3.7
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	30.5	*	25.0	33.1	*	25.0	36.4	*
Congestive Heart Failure	9	11.1	21.5	*	11.1	29.7	*	11.1	35.4	*
Pneumonia/Influenza	13	15.4	14.7	*	30.8	19.7	*	30.8	24.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	11.4	*	0.0	19.8	*	0.0	26.0	*
Transient Cerebral Ischemia	0									
Stroke	9	22.2	23.8	*	33.3	31.0	*	44.4	36.3	*
Hip Fracture	6	16.7	10.8	*	16.7	19.1	*	33.3	23.8	*
Sepsis	2	0.0	15.9	*	0.0	21.9	*	0.0	26.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	5.6	*	50.0	12.0	*	50.0	16.8	*
Open Reduction of Hip Fracture	3	0.0	10.9	*	0.0	19.9	*	0.0	25.0	*
Prostatectomy	0									
Cholecystectomy	1	0.0	0.8	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL HOSPITAL ASSOCIATION INC

725 South Dellwood
Cambridge, MN 55008

Medicare Provider Number: 240020

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	785	8.3	8.7	1.2	11.8	13.4	1.7	14.3	17.2	1.8
CONDITIONS:										
Acute Myocardial Infarction	25	20.0	28.7	*	28.0	32.0	*	28.0	35.2	*
Congestive Heart Failure	44	20.5	16.4	*	31.8	24.9	*	34.1	32.0	*
Pneumonia/Influenza	59	18.6	17.5	5.0	20.3	24.0	6.6	25.4	29.0	8.3
Chronic Obstructive Pulmonary Disease	9	11.1	4.9	*	11.1	9.5	*	11.1	14.3	*
Transient Cerebral Ischemia	8	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke	32	28.1	20.4	*	37.5	27.3	*	40.6	31.8	*
Hip Fracture	28	10.7	8.0	*	17.9	13.9	*	32.1	17.7	*
Sepsis	5	0.0	33.1	*	0.0	41.0	*	0.0	47.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	4.0	*	0.0	8.0	*	0.0	11.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	0.0	3.7	*	6.3	8.0	*	18.8	11.9	*
Open Reduction of Hip Fracture	8	12.5	5.8	*	25.0	10.5	*	50.0	13.7	*
Prostatectomy	30	0.0	1.1	*	3.3	2.9	*	3.3	5.0	*
Cholecystectomy	14	0.0	2.1	*	7.1	3.6	*	7.1	4.4	*
Hysterectomy	17	0.0	1.0	*	5.9	2.0	*	5.9	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	86
Occupancy Rate	49
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	20
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	70
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL ASSOCIATION INC

Medicare Provider Number: 240020

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	506	11.9	9.3	2.0	16.8	14.3	2.1	20.4	18.2	2.1
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	27.7	*	44.4	32.0	*	44.4	35.7	*
Congestive Heart Failure	26	19.2	17.0	*	34.6	26.0	*	38.5	33.4	*
Pneumonia/Influenza	41	19.5	21.7	*	24.4	28.6	*	34.1	33.8	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.4	*	0.0	14.8	*	0.0	21.6	*
Transient Cerebral Ischemia	12	0.0	1.9	*	0.0	4.0	*	8.3	6.2	*
Stroke	36	38.9	23.9	*	44.4	33.3	*	44.4	38.7	*
Hip Fracture	34	11.8	7.6	*	26.5	14.1	*	26.5	18.2	*
Sepsis	3	0.0	18.6	*	0.0	23.3	*	0.0	28.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	4.4	*	12.5	8.4	*	12.5	12.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	6.7	3.1	*	20.0	6.1	*	20.0	8.2	*
Open Reduction of Hip Fracture	12	16.7	9.7	*	41.7	18.5	*	41.7	24.0	*
Prostatectomy	22	4.5	0.8	*	4.5	1.9	*	4.5	3.2	*
Cholecystectomy	8	12.5	1.7	*	12.5	3.0	*	12.5	3.8	*
Hysterectomy	2	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	446	11.7	10.3	1.6	15.5	15.4	1.7	17.9	19.3	2.2
CONDITIONS:										
Acute Myocardial Infarction	20	10.0	28.9	*	15.0	33.0	*	20.0	36.9	*
Congestive Heart Failure	27	33.3	17.8	*	40.7	26.9	*	48.1	34.3	*
Pneumonia/Influenza	23	13.0	20.3	*	13.0	27.2	*	13.0	32.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.0	*	50.0	9.0	*	50.0	12.9	*
Transient Cerebral Ischemia	10	10.0	2.4	*	10.0	5.4	*	10.0	8.6	*
Stroke	27	40.7	24.5	*	44.4	33.1	*	44.4	38.1	*
Hip Fracture	24	4.2	6.6	*	8.3	11.8	*	12.5	15.2	*
Sepsis	2	50.0	28.5	*	50.0	38.0	*	50.0	42.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	2.2	*	0.0	4.9	*	0.0	7.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	2.5	*	10.0	4.4	*	20.0	5.7	*
Open Reduction of Hip Fracture	13	7.7	6.2	*	15.4	11.5	*	23.1	15.0	*
Prostatectomy	15	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	6	0.0	0.7	*	0.0	1.2	*	0.0	1.6	*
Hysterectomy	2	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MERCY HOSPITAL

710 S Kenwood Ave, P.O. Box 526
Moose Lake, MN 55767

Medicare Provider Number: 240121

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	143	11.2	10.8	2.9	14.7	15.8	3.5	18.9	19.8	3.4
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	27.7	*	40.0	31.7	*	40.0	35.6	*
Congestive Heart Failure	13	7.7	12.0	*	15.4	18.7	*	23.1	24.8	*
Pneumonia/Influenza	9	22.2	16.2	*	22.2	22.5	*	22.2	27.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.3	*	0.0	9.9	*	0.0	13.4	*
Transient Cerebral Ischemia	2	0.0	1.3	*	0.0	2.9	*	0.0	4.6	*
Stroke	5	20.0	26.1	*	20.0	34.1	*	40.0	39.8	*
Hip Fracture	0									
Sepsis	3	0.0	31.8	*	0.0	38.1	*	33.3	45.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	135
Occupancy Rate	73
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	14
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

MERCY HOSPITAL

Medicare Provider Number: 240121

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	128	14.1	10.7	3.3	21.1	15.8	4.1	23.4	20.0	4.5
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	25.2	*	42.9	28.7	*	42.9	32.3	*
Congestive Heart Failure	8	25.0	14.5	*	50.0	22.3	*	50.0	28.8	*
Pneumonia/Influenza	10	40.0	24.6	*	50.0	32.7	*	50.0	38.2	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.5	*	0.0	13.5	*	33.3	17.9	*
Transient Cerebral Ischemia	3	0.0	2.3	*	0.0	5.0	*	0.0	7.7	*
Stroke	9	11.1	25.9	*	22.2	32.1	*	33.3	36.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	168	14.3	11.5	3.0	22.0	16.9	3.7	25.6	21.1	3.8
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	24.3	*	35.7	26.8	*	35.7	29.7	*
Congestive Heart Failure	7	28.6	13.2	*	28.6	20.4	*	42.9	26.6	*
Pneumonia/Influenza	9	22.2	14.6	*	33.3	20.2	*	33.3	24.7	*
Chronic Obstructive Pulmonary Disease	4	25.0	18.0	*	50.0	28.2	*	75.0	34.5	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	4.1	*	0.0	6.7	*
Stroke	7	14.3	26.9	*	42.9	33.9	*	57.1	39.0	*
Hip Fracture	0									
Sepsis	2	50.0	27.9	*	50.0	42.0	*	50.0	49.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MESABI REGIONAL MEDICAL CENTER

750 East 34th St
Hibbing, MN 55746

Medicare Provider Number: 240040

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	893	9.5	9.8	1.0	13.3	14.4	1.3	17.0	18.1	1.4
CONDITIONS:										
Acute Myocardial Infarction	29	31.0	29.3	*	37.9	32.2	*	37.9	35.7	*
Congestive Heart Failure	34	20.6	16.2	*	29.4	25.1	*	47.1	32.3	*
Pneumonia/Influenza	45	22.2	19.1	*	33.3	25.7	*	37.8	31.1	*
Chronic Obstructive Pulmonary Disease	18	11.1	5.9	*	11.1	10.5	*	33.3	14.8	*
Transient Cerebral Ischemia	22	0.0	1.7	*	4.5	3.8	*	9.1	6.0	*
Stroke	39	17.9	23.1	*	20.5	29.2	*	25.6	33.6	*
Hip Fracture	18	0.0	7.4	*	0.0	13.0	*	0.0	16.7	*
Sepsis	18	5.6	27.4	*	22.2	35.9	*	27.8	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	6.1	*	16.7	9.5	*	16.7	12.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	5.1	*	0.0	10.5	*	0.0	14.8	*
Open Reduction of Hip Fracture	11	0.0	7.5	*	0.0	13.6	*	0.0	17.6	*
Prostatectomy	12	8.3	1.8	*	8.3	4.5	*	8.3	7.2	*
Cholecystectomy	16	0.0	1.4	*	0.0	2.3	*	0.0	3.0	*
Hysterectomy	6	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	175
Occupancy Rate	37
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	36
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	87
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MESABI REGIONAL MEDICAL CENTER

Medicare Provider Number: 240040

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	850	7.9	9.6	1.7	13.4	14.4	2.2	16.4	18.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	38	26.3	29.8	*	26.3	33.1	*	34.2	36.9	*
Congestive Heart Failure	42	11.9	18.1	*	19.0	27.7	*	21.4	35.3	*
Pneumonia/Influenza	46	21.7	15.7	*	30.4	21.0	*	30.4	25.4	*
Chronic Obstructive Pulmonary Disease	11	9.1	8.0	*	18.2	14.1	*	27.3	19.6	*
Transient Cerebral Ischemia	14	7.1	1.8	*	7.1	4.3	*	7.1	6.9	*
Stroke	33	15.2	27.1	*	18.2	33.6	*	24.2	38.5	*
Hip Fracture	24	12.5	8.5	*	29.2	15.6	*	33.3	20.1	*
Sepsis	10	10.0	24.3	*	30.0	32.8	*	50.0	39.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.3	*	0.0	5.0	*	0.0	7.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	7.7	4.5	*	23.1	8.4	*	23.1	11.0	*
Open Reduction of Hip Fracture	11	9.1	9.4	*	27.3	18.2	*	36.4	23.8	*
Prostatectomy	21	4.8	1.1	*	4.8	2.6	*	4.8	4.4	*
Cholecystectomy	11	0.0	2.8	*	0.0	5.3	*	0.0	7.3	*
Hysterectomy	7	0.0	2.5	*	0.0	5.0	*	0.0	7.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	790	9.4	10.6	1.3	13.5	15.6	1.8	15.6	19.5	2.0
CONDITIONS:										
Acute Myocardial Infarction	39	17.9	33.3	*	20.5	37.0	*	20.5	40.7	*
Congestive Heart Failure	38	13.2	18.1	*	23.7	26.8	*	31.6	33.8	*
Pneumonia/Influenza	32	31.3	18.7	*	34.4	25.0	*	34.4	30.3	*
Chronic Obstructive Pulmonary Disease	19	5.3	9.1	*	15.8	15.1	*	21.1	20.0	*
Transient Cerebral Ischemia	10	0.0	2.6	*	0.0	5.9	*	0.0	9.7	*
Stroke	40	22.5	20.2	*	22.5	26.4	*	22.5	31.0	*
Hip Fracture	16	0.0	8.3	*	18.8	14.1	*	18.8	18.2	*
Sepsis	6	33.3	33.0	*	33.3	39.5	*	33.3	45.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.2	*	0.0	6.7	*	0.0	9.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	10.4	*	0.0	19.3	*	0.0	26.2	*
Open Reduction of Hip Fracture	10	0.0	7.1	*	30.0	13.4	*	30.0	17.7	*
Prostatectomy	6	0.0	0.9	*	0.0	2.0	*	0.0	3.2	*
Cholecystectomy	18	0.0	2.0	*	0.0	3.6	*	0.0	4.9	*
Hysterectomy	10	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

METHODIST HOSPITAL

6500 Excelsior Blvd
St Louis Park, MN 55426

Medicare Provider Number: 240053

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,243	8.9	8.5	0.7	13.7	13.2	0.8	17.9	16.9	1.1
CONDITIONS:										
Acute Myocardial Infarction	42	31.0	31.0	*	35.7	34.5	*	40.5	37.8	*
Congestive Heart Failure	115	20.9	15.7	5.3	29.6	24.4	7.5	39.1	31.5	8.8
Pneumonia/Influenza	97	21.6	17.4	5.4	28.9	23.5	7.5	32.0	28.2	6.6
Chronic Obstructive Pulmonary Disease	19	10.5	6.6	*	21.1	12.7	*	31.6	17.8	*
Transient Cerebral Ischemia	29	3.4	2.1	*	6.9	4.7	*	10.3	7.4	*
Stroke	85	22.4	21.3	5.0	25.9	27.5	5.1	27.1	32.0	5.7
Hip Fracture	74	4.1	6.8	3.5	10.8	12.0	4.1	14.9	15.3	4.3
Sepsis	30	10.0	21.6	*	10.0	29.4	*	23.3	34.9	*
PROCEDURES:										
Angioplasty	12	0.0	1.4	*	0.0	1.9	*	0.0	2.5	*
Coronary Artery Bypass Graft	47	2.1	4.8	*	4.3	6.8	*	4.3	8.3	*
Initial Pacemaker Insertion	22	4.5	1.8	*	4.5	3.6	*	4.5	5.5	*
Carotid Endarterectomy	15	0.0	1.5	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	45	2.2	2.5	*	4.4	4.6	*	6.7	6.2	*
Open Reduction of Hip Fracture	32	6.3	7.0	*	12.5	12.8	*	18.8	16.6	*
Prostatectomy	73	0.0	0.7	1.6	0.0	1.8	3.7	5.5	3.2	2.8
Cholecystectomy	45	13.3	2.9	*	15.6	5.0	*	15.6	6.4	*
Hysterectomy	21	0.0	0.9	*	0.0	2.2	*	4.8	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	393
Occupancy Rate	66
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	302
Percent of Physicians Board Certified Specialists	93
Medical Residents/Interns	0
Registered Nurses	421
Licensed Practical Nurses	50

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

METHODIST HOSPITAL

Medicare Provider Number: 240053

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,484	8.6	8.9	0.7	13.0	13.7	1.1	16.4	17.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	68	26.5	29.7	5.9	29.4	32.9	6.1	29.4	36.3	7.0
Congestive Heart Failure	136	11.8	16.1	6.3	22.1	24.1	6.6	28.7	30.7	7.3
Pneumonia/Influenza	91	14.3	17.3	6.5	17.6	23.2	8.8	22.0	27.8	8.8
Chronic Obstructive Pulmonary Disease	20	10.0	7.1	*	20.0	11.6	*	35.0	15.4	*
Transient Cerebral Ischemia	36	0.0	1.6	*	0.0	3.2	*	0.0	5.0	*
Stroke	90	17.8	24.6	6.1	23.3	31.3	7.6	26.7	36.1	8.0
Hip Fracture	87	9.2	7.5	3.7	14.9	13.6	4.3	20.7	17.4	6.1
Sepsis	35	22.9	24.9	*	28.6	32.2	*	42.9	37.9	*
PROCEDURES:										
Angioplasty	14	0.0	5.6	*	0.0	7.3	*	0.0	8.8	*
Coronary Artery Bypass Graft	55	9.1	4.7	5.4	9.1	6.5	5.3	9.1	7.8	5.6
Initial Pacemaker Insertion	21	0.0	4.2	*	0.0	7.8	*	0.0	10.9	*
Carotid Endarterectomy	23	0.0	1.4	*	0.0	2.8	*	0.0	4.3	*
Hip Replacement/Reconstruction	52	3.8	3.6	2.8	7.7	6.9	3.6	9.6	9.3	4.0
Open Reduction of Hip Fracture	24	4.2	6.1	*	12.5	11.3	*	16.7	14.6	*
Prostatectomy	77	0.0	0.7	*	0.0	1.7	*	0.0	2.8	*
Cholecystectomy	47	2.1	2.2	*	2.1	3.8	*	4.3	5.1	*
Hysterectomy	18	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,497	8.7	8.9	0.6	14.5	13.8	1.0	18.2	17.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	68	33.8	28.3	8.6	33.8	31.6	10.6	41.2	34.8	11.2
Congestive Heart Failure	118	11.9	17.0	4.8	29.7	25.7	5.1	36.4	32.8	5.0
Pneumonia/Influenza	101	14.9	19.5	5.2	25.7	26.3	4.8	33.7	31.7	4.9
Chronic Obstructive Pulmonary Disease	40	22.5	11.5	*	37.5	18.2	*	42.5	23.0	*
Transient Cerebral Ischemia	46	0.0	2.1	*	2.2	4.6	*	2.2	7.2	*
Stroke	100	15.0	24.9	6.0	24.0	31.5	5.6	29.0	36.4	5.7
Hip Fracture	75	10.7	7.4	5.2	13.3	13.1	5.3	16.0	16.8	5.3
Sepsis	25	28.0	26.0	*	28.0	34.8	*	32.0	40.8	*
PROCEDURES:										
Angioplasty	11	9.1	4.7	*	9.1	5.8	*	18.2	7.1	*
Coronary Artery Bypass Graft	39	2.6	5.6	*	2.6	7.6	*	2.6	8.8	*
Initial Pacemaker Insertion	21	4.8	3.8	*	9.5	7.7	*	19.0	11.1	*
Carotid Endarterectomy	26	0.0	1.8	*	3.8	3.5	*	3.8	5.1	*
Hip Replacement/Reconstruction	61	4.9	2.7	4.2	9.8	5.2	4.3	9.8	7.2	5.2
Open Reduction of Hip Fracture	29	6.9	6.2	*	10.3	11.6	*	13.8	15.3	*
Prostatectomy	87	0.0	0.7	1.1	0.0	1.8	1.9	1.1	3.0	2.4
Cholecystectomy	43	2.3	3.1	*	7.0	5.5	*	7.0	7.1	*
Hysterectomy	27	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

METROPOLITAN MT SINAI MEDICAL CENTER

2215 Park Ave S
Minneapolis, MN 55404

Medicare Provider Number: 240062

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	300	10.7	10.2	2.6	16.0	15.8	2.4	20.0	20.0	2.8
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	31.0	*	40.0	35.1	*	40.0	39.3	*
Congestive Heart Failure	15	13.3	18.2	*	13.3	28.5	*	46.7	36.1	*
Pneumonia/Influenza	27	18.5	20.8	*	29.6	28.7	*	29.6	34.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	9.6	*	0.0	15.8	*	0.0	21.3	*
Transient Cerebral Ischemia	2	0.0	3.0	*	0.0	7.2	*	0.0	12.0	*
Stroke	5	40.0	22.9	*	60.0	29.9	*	80.0	34.7	*
Hip Fracture	5	40.0	9.0	*	40.0	15.4	*	40.0	19.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction	1	0.0	9.2	*	0.0	15.9	*	0.0	19.7	*
Open Reduction of Hip Fracture	3	66.7	8.5	*	66.7	15.3	*	66.7	19.3	*
Prostatectomy	5	0.0	1.9	*	0.0	4.3	*	0.0	6.6	*
Cholecystectomy	3	0.0	2.6	*	0.0	3.4	*	0.0	4.2	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1987

Total Beds	273
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	12
Registered Nurses	117
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

METROPOLITAN MT SINAI MEDICAL CENTER

Medicare Provider Number: 240062

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,129	5.9	8.8	1.1	10.5	13.8	1.3	15.2	17.8	1.3
CONDITIONS:										
Acute Myocardial Infarction	23	17.4	39.0	*	21.7	44.0	*	26.1	48.7	*
Congestive Heart Failure	39	12.8	18.5	*	17.9	28.0	*	20.5	35.6	*
Pneumonia/Influenza	46	8.7	18.8	*	15.2	25.7	*	23.9	31.0	*
Chronic Obstructive Pulmonary Disease	11	0.0	7.0	*	27.3	13.4	*	27.3	18.8	*
Transient Cerebral Ischemia	12	0.0	1.6	*	0.0	3.4	*	0.0	5.4	*
Stroke	33	24.2	27.7	*	33.3	34.9	*	36.4	39.9	*
Hip Fracture	29	3.4	7.1	*	13.8	13.0	*	13.8	16.7	*
Sepsis	15	20.0	25.6	*	20.0	34.0	*	26.7	40.3	*
PROCEDURE:										
Angioplasty	4	25.0	2.3	*	25.0	3.8	*	25.0	4.9	*
Coronary Artery Bypass Graft	3	33.3	9.3	*	33.3	12.1	*	33.3	13.7	*
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	5.1	*	0.0	9.5	*	0.0	12.1	*
Open Reduction of Hip Fracture	10	10.0	5.6	*	30.0	10.7	*	30.0	14.1	*
Prostatectomy	23	0.0	0.9	*	0.0	2.3	*	4.3	3.9	*
Cholecystectomy	7	0.0	2.6	*	14.3	4.2	*	14.3	5.4	*
Hysterectomy	6	0.0	0.5	*	0.0	1.2	*	16.7	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,307	7.0	9.1	1.1	11.7	14.1	1.3	15.8	18.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	33	39.4	33.2	*	39.4	37.6	*	39.4	41.7	*
Congestive Heart Failure	62	11.3	20.3	7.3	21.0	30.6	7.8	29.0	38.4	7.6
Pneumonia/Influenza	40	2.5	17.5	*	7.5	23.1	*	15.0	27.9	*
Chronic Obstructive Pulmonary Disease	9	11.1	8.3	*	22.2	14.7	*	66.7	19.8	*
Transient Cerebral Ischemia	21	4.8	2.6	*	4.8	6.0	*	4.8	9.5	*
Stroke	32	9.4	24.3	*	21.9	31.2	*	25.0	36.0	*
Hip Fracture	30	16.7	7.0	*	23.3	13.0	*	23.3	17.0	*
Sepsis	18	22.2	27.9	*	27.8	35.9	*	33.3	41.6	*
PROCEDURES:										
Angioplasty	2	0.0	2.5	*	0.0	4.1	*	0.0	5.3	*
Coronary Artery Bypass Graft	5	40.0	8.7	*	40.0	10.9	*	40.0	12.3	*
Initial Pacemaker Insertion	4	0.0	2.0	*	0.0	4.1	*	0.0	6.2	*
Carotid Endarterectomy	2	0.0	4.1	*	0.0	8.8	*	0.0	12.7	*
Hip Replacement/Reconstruction	14	7.1	4.0	*	7.1	7.3	*	14.3	9.7	*
Open Reduction of Hip Fracture	12	16.7	5.7	*	16.7	11.4	*	16.7	15.3	*
Prostatectomy	39	0.0	1.4	*	0.0	3.4	*	2.6	5.6	*
Cholecystectomy	9	0.0	2.6	*	11.1	5.2	*	11.1	6.9	*
Hysterectomy	6	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

METROPOLITAN MT SINAI MEDICAL CENTER

900 S 8th St
Minneapolis, MN 55404

Medicare Provider Number: 240196

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,756	6.2	7.8	1.2	10.5	12.4	1.2	13.2	16.1	1.8
CONDITIONS:										
Acute Myocardial Infarction	52	23.1	31.4	12.6	26.9	35.3	11.8	32.7	39.3	9.8
Congestive Heart Failure	123	14.6	15.8	3.7	24.4	24.6	3.9	29.3	31.7	5.1
Pneumonia/Influenza	101	9.9	19.5	7.6	18.8	26.7	7.1	25.7	32.2	6.5
Chronic Obstructive Pulmonary Disease	19	5.3	9.3	*	10.5	17.2	*	15.8	24.5	*
Transient Cerebral Ischemia	37	2.7	2.4	*	2.7	5.4	*	8.1	8.6	*
Stroke	72	23.6	25.1	5.3	29.2	31.7	6.9	31.9	36.4	8.8
Hip Fracture	60	3.3	7.2	4.8	6.7	12.9	6.9	16.7	16.8	4.9
Sepsis	17	17.6	21.1	*	23.5	27.6	*	23.5	32.6	*
PROCEDURES:										
Angioplasty	53	1.9	2.5	2.3	5.7	3.6	3.4	5.7	4.9	3.1
Coronary Artery Bypass Graft	31	3.2	5.9	*	3.2	8.0	*	3.2	9.4	*
Initial Pacemaker Insertion	15	6.7	5.4	*	13.3	9.4	*	13.3	12.8	*
Carotid Endarterectomy	18	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	62	0.0	1.9	*	0.0	3.4	*	0.0	4.8	*
Open Reduction of Hip Fracture	38	5.3	7.0	*	10.5	13.2	*	23.7	17.4	*
Prostatectomy	51	0.0	0.6	1.3	0.0	1.5	2.4	2.0	2.6	2.5
Cholecystectomy	25	4.0	3.2	*	4.0	6.3	*	4.0	8.6	*
Hysterectomy	17	0.0	0.5	*	0.0	1.1	*	5.9	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1984

Total Beds	963
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	444
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

METROPOLITAN MT SINAI MEDICAL CENTER

Medicare Provider Number: 240196

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,027	7.0	8.0	0.8	11.6	12.6	1.0	15.1	16.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	34	29.4	30.1	*	29.4	34.1	*	35.3	38.0	*
Congestive Heart Failure	94	16.0	17.1	4.3	18.1	26.2	6.0	23.4	33.4	7.4
Pneumonia/Influenza	50	18.0	19.5	*	20.0	26.9	*	24.0	32.4	*
Chronic Obstructive Pulmonary Disease	11	9.1	14.4	*	27.3	22.2	*	27.3	28.5	*
Transient Cerebral Ischemia	21	0.0	2.3	*	0.0	5.1	*	0.0	8.0	*
Stroke	58	15.5	21.7	8.9	22.4	28.0	10.5	25.9	32.6	12.9
Hip Fracture	54	7.4	8.0	3.9	13.0	14.5	5.0	18.5	18.6	5.4
Sepsis	12	25.0	26.9	*	41.7	37.2	*	50.0	44.9	*
PROCEDURE:										
Angioplasty	34	2.9	2.6	*	2.9	3.8	*	5.9	5.1	*
Coronary Artery Bypass Graft	40	12.5	8.1	*	15.0	11.5	*	25.0	13.6	*
Initial Pacemaker Insertion	3	0.0	2.6	*	33.3	6.0	*	33.3	9.2	*
Carotid Endarterectomy	13	0.0	1.6	*	0.0	2.9	*	7.7	4.2	*
Hip Replacement/Reconstruction	79	0.0	2.1	3.1	5.1	4.4	2.7	6.3	6.3	4.1
Open Reduction of Hip Fracture	28	3.6	7.4	*	3.6	13.7	*	7.1	17.6	*
Prostatectomy	57	1.8	1.4	1.6	3.5	3.2	2.4	3.5	5.1	3.2
Cholecystectomy	42	0.0	2.5	*	0.0	4.9	*	4.8	6.8	*
Hysterectomy	20	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,320	7.4	7.8	0.8	11.5	12.3	0.9	15.1	16.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	49	16.3	30.0	*	18.4	33.6	*	22.4	37.4	*
Congestive Heart Failure	90	18.9	17.6	6.7	33.3	26.5	9.4	41.1	33.7	9.2
Pneumonia/Influenza	75	22.7	18.2	7.9	25.3	24.5	6.9	30.7	29.4	7.0
Chronic Obstructive Pulmonary Disease	8	0.0	4.8	*	12.5	9.0	*	12.5	13.0	*
Transient Cerebral Ischemia	35	0.0	1.7	*	0.0	3.5	*	2.9	5.5	*
Stroke	53	17.0	20.1	7.3	20.8	26.0	9.0	26.4	30.5	8.3
Hip Fracture	73	6.8	6.7	2.9	13.7	12.4	4.6	19.2	16.3	6.1
Sepsis	26	23.1	26.4	*	30.8	33.4	*	30.8	38.7	*
PROCEDURES:										
Angioplasty	24	0.0	3.4	*	0.0	4.3	*	0.0	5.6	*
Coronary Artery Bypass Graft	46	6.5	4.6	*	6.5	7.0	*	10.9	8.5	*
Initial Pacemaker Insertion	21	0.0	4.0	*	9.5	8.0	*	9.5	11.5	*
Carotid Endarterectomy	16	6.3	1.4	*	6.3	2.5	*	6.3	3.6	*
Hip Replacement/Reconstruction	73	1.4	2.2	2.3	1.4	4.4	3.9	4.1	6.1	4.2
Open Reduction of Hip Fracture	47	8.5	6.1	*	19.1	11.9	*	23.4	15.8	*
Prostatectomy	63	1.6	1.2	1.5	3.2	2.9	2.3	4.8	4.9	2.9
Cholecystectomy	33	0.0	2.7	*	3.0	4.7	*	3.0	6.3	*
Hysterectomy	21	4.8	0.5	*	4.8	1.0	*	4.8	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MIDWAY HOSPITAL

1700 University Avenue
St Paul, MN 55104

Medicare Provider Number: 240048

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,891	7.5	8.0	0.6	12.0	12.4	0.7	15.8	15.8	0.7
CONDITIONS:										
Acute Myocardial Infarction	72	26.4	26.7	5.2	33.3	29.8	5.9	38.9	33.0	6.6
Congestive Heart Failure	140	17.1	14.6	4.1	27.1	22.5	6.7	34.3	29.2	8.7
Pneumonia/Influenza	110	14.5	17.5	5.4	20.0	23.7	6.6	26.4	28.5	5.3
Chronic Obstructive Pulmonary Disease	23	13.0	12.4	*	21.7	20.1	*	30.4	26.5	*
Transient Cerebral Ischemia	50	2.0	2.0	*	8.0	4.3	*	8.0	6.7	*
Stroke	91	20.9	20.8	4.3	29.7	28.2	5.1	33.0	32.8	4.9
Hip Fracture	113	2.7	6.2	3.0	6.2	11.4	4.7	8.0	14.9	5.7
Sepsis	20	10.0	27.0	*	25.0	35.2	*	30.0	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	5.6	4.9	*	16.7	7.9	*	22.2	10.3	*
Carotid Endarterectomy	11	0.0	1.1	*	9.1	2.0	*	9.1	2.9	*
Hip Replacement/Reconstruction	112	0.9	2.3	2.0	2.7	4.4	3.2	3.6	6.1	3.4
Open Reduction of Hip Fracture	48	4.2	5.7	*	6.3	10.5	*	8.3	13.8	*
Prostatectomy	136	2.9	1.0	1.4	6.6	2.5	2.2	8.8	4.3	2.7
Cholecystectomy	72	1.4	2.3	1.9	4.2	4.2	2.5	6.9	5.6	3.4
Hysterectomy	38	0.0	0.8	*	0.0	1.6	*	0.0	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	201
Occupancy Rate	71
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	563
Percent of Physicians Board Certified Specialists	40
Medical Residents/Interns	0
Registered Nurses	220
Licensed Practical Nurses	37

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MIDWAY HOSPITAL

Medicare Provider Number: 240048

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,181	7.8	8.4	0.9	13.7	12.9	1.0	17.0	16.5	1.3
CONDITIONS:										
Acute Myocardial Infarction	72	22.2	28.8	9.3	25.0	32.8	10.7	27.8	36.5	12.0
Congestive Heart Failure	95	10.5	17.9	6.5	25.3	27.0	5.7	31.6	34.2	5.3
Pneumonia/Influenza	80	12.5	16.5	6.9	20.0	22.4	6.8	23.7	27.0	5.8
Chronic Obstructive Pulmonary Disease	16	12.5	11.7	*	18.8	18.5	*	18.8	24.2	*
Transient Cerebral Ischemia	35	2.9	2.5	*	2.9	5.3	*	8.6	8.2	*
Stroke	76	19.7	23.8	6.0	25.0	30.9	7.5	31.6	35.7	6.6
Hip Fracture	72	5.6	7.1	3.7	16.7	13.2	5.0	16.7	17.1	5.3
Sepsis	10	0.0	20.3	*	0.0	27.2	*	30.0	32.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	6.4	*	0.0	10.6	*	0.0	14.5	*
Carotid Endarterectomy	4	0.0	1.2	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	67	1.5	2.4	2.3	3.0	4.5	4.0	3.0	5.9	5.1
Open Reduction of Hip Fracture	31	3.2	6.6	*	22.6	12.9	*	22.6	17.4	*
Prostatectomy	101	0.0	0.8	1.1	1.0	2.0	1.7	2.0	3.3	2.4
Cholecystectomy	52	3.8	2.3	3.1	5.8	4.3	3.9	7.7	5.7	3.8
Hysterectomy	23	0.0	0.5	*	0.0	1.0	*	4.3	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,851	7.9	8.0	0.8	13.1	12.5	1.1	16.8	16.1	1.6
CONDITIONS:										
Acute Myocardial Infarction	57	29.8	29.5	6.2	33.3	32.9	6.5	35.1	36.5	6.7
Congestive Heart Failure	70	15.7	17.2	5.6	24.3	25.5	5.7	32.9	32.4	6.1
Pneumonia/Influenza	56	8.9	17.6	10.4	17.9	24.3	10.1	25.0	29.4	9.2
Chronic Obstructive Pulmonary Disease	25	20.0	12.6	*	32.0	21.1	*	44.0	27.5	*
Transient Cerebral Ischemia	24	4.2	2.5	*	8.3	5.4	*	16.7	8.6	*
Stroke	67	20.9	27.0	7.4	34.3	34.5	6.2	38.8	39.4	6.0
Hip Fracture	40	2.5	6.8	*	7.5	12.6	*	7.5	16.6	*
Sepsis	10	50.0	30.7	*	60.0	39.8	*	60.0	46.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	14.3	5.4	*	14.3	9.2	*	14.3	12.7	*
Carotid Endarterectomy	10	0.0	2.0	*	0.0	3.9	*	0.0	5.6	*
Hip Replacement/Reconstruction	46	4.3	2.1	*	6.5	4.1	*	6.5	5.5	*
Open Reduction of Hip Fracture	21	0.0	5.5	*	4.8	10.6	*	4.8	14.1	*
Prostatectomy	84	1.2	0.8	1.2	1.2	2.0	1.8	3.6	3.5	2.8
Cholecystectomy	29	0.0	3.4	*	0.0	6.0	*	10.3	8.1	*
Hysterectomy	25	0.0	1.0	*	0.0	2.2	*	0.0	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MILLE LACS HOSPITAL

200 North Elm St
Onamia, MN 56359

Medicare Provider Number: 240139

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	173	9.8	13.6	6.2	14.5	20.1	6.8	16.8	25.0	6.4
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	25.5	*	16.7	32.0	*	16.7	37.6	*
Congestive Heart Failure	16	6.3	16.0	*	12.5	25.3	*	18.8	32.5	*
Pneumonia/Influenza	33	9.1	23.7	*	21.2	31.5	*	21.2	37.1	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.0	*	16.7	16.7	*	33.3	24.8	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.0	*	0.0	3.0	*
Stroke	3	33.3	21.9	*	33.3	28.9	*	33.3	34.4	*
Hip Fracture	0									
Sepsis	1	0.0	11.4	*	0.0	15.2	*	0.0	18.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.5	*	0.0	5.8	*	0.0	8.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	3.4	*	0.0	8.1	*	0.0	12.4	*
Cholecystectomy	3	0.0	12.9	*	0.0	22.7	*	0.0	28.5	*
Hysterectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	108
Occupancy Rate	80
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MILLE LACS HOSPITAL

Medicare Provider Number: 240139

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	174	5.7	10.5	3.7	11.5	16.7	4.2	16.7	21.3	4.7
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	22.7	*	0.0	25.3	*	0.0	28.1	*
Congestive Heart Failure	8	0.0	19.8	*	12.5	30.2	*	12.5	38.3	*
Pneumonia/Influenza	24	12.5	18.5	*	20.8	25.6	*	33.3	30.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	10.5	*	0.0	17.4	*	0.0	23.1	*
Transient Cerebral Ischemia	1	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Stroke	3	33.3	24.9	*	33.3	31.8	*	33.3	37.0	*
Hip Fracture	0									
Sepsis	2	50.0	28.5	*	50.0	40.2	*	50.0	49.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.5	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy	4	0.0	2.8	*	0.0	5.0	*	0.0	6.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	234	8.5	12.5	3.7	16.2	18.6	4.1	20.1	23.5	4.3
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	32.5	*	60.0	35.9	*	60.0	39.9	*
Congestive Heart Failure	10	0.0	17.6	*	10.0	27.1	*	20.0	35.2	*
Pneumonia/Influenza	29	13.8	24.5	*	20.7	32.7	*	24.1	38.9	*
Chronic Obstructive Pulmonary Disease	10	0.0	10.2	*	0.0	18.2	*	10.0	24.8	*
Transient Cerebral Ischemia	4	0.0	2.5	*	25.0	5.9	*	25.0	9.7	*
Stroke	5	40.0	36.5	*	80.0	43.8	*	80.0	49.1	*
Hip Fracture	3	0.0	6.1	*	0.0	10.8	*	0.0	14.1	*
Sepsis	3	33.3	28.3	*	33.3	34.4	*	33.3	40.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.2	*	0.0	2.4	*	0.0	3.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.8	*	0.0	13.8	*	0.0	17.3	*
Open Reduction of Hip Fracture	1	0.0	4.4	*	0.0	8.6	*	0.0	11.9	*
Prostatectomy	6	0.0	0.8	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy	5	0.0	1.2	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MILLER-DWAN HOSPITAL MEDICAL CENTER

504 E Second St
Duluth, MN 55805

Medicare Provider Number: 240019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	360	6.4	7.7	2.0	10.3	12.0	2.2	13.6	15.4	2.6
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	8.0	*	0.0	12.4	*	0.0	16.1	*
Congestive Heart Failure	14	28.6	16.9	*	28.6	25.7	*	42.9	33.1	*
Pneumonia/Influenza	5	0.0	23.4	*	40.0	30.3	*	40.0	35.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	13.0	*	0.0	23.3	*	0.0	32.3	*
Transient Cerebral Ischemia	1	0.0	2.6	*	0.0	6.6	*	0.0	10.6	*
Stroke	5	40.0	44.4	*	60.0	55.1	*	60.0	61.3	*
Hip Fracture	4	25.0	8.3	*	25.0	14.7	*	25.0	18.8	*
Sepsis	7	28.6	20.6	*	42.9	30.8	*	42.9	37.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	1	0.0	4.0	*	0.0	5.0	*	0.0	6.1	*
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	2.8	*	0.0	6.1	*	0.0	8.6	*
Hip Replacement/Reconstruction	6	0.0	1.1	*	0.0	2.3	*	0.0	3.3	*
Open Reduction of Hip Fracture	1	100.0	17.9	*	100.0	31.8	*	100.0	39.3	*
Prostatectomy	3	0.0	0.4	*	0.0	1.1	*	33.3	1.8	*
Cholecystectomy	3	33.3	1.0	*	33.3	2.5	*	33.3	4.4	*
Hysterectomy	3	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	165
Occupancy Rate	52
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	192
Percent of Physicians Board Certified Specialists	94
Medical Residents/Interns	0
Registered Nurses	102
Licensed Practical Nurses	58

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MILLER-DWAN HOSPITAL MEDICAL CENTER

Medicare Provider Number: 240019

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	288	8.3	8.8	1.9	15.6	14.1	2.4	19.1	18.0	3.1
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	42.5	*	50.0	45.2	*	50.0	49.0	*
Congestive Heart Failure	9	11.1	19.3	*	22.2	29.1	*	33.3	36.9	*
Pneumonia/Influenza	2	0.0	18.0	*	0.0	23.9	*	0.0	28.7	*
Chronic Obstructive Pulmonary Disease	2	50.0	19.1	*	100.0	39.6	*	100.0	54.5	*
Transient Cerebral Ischemia	0									
Stroke	4	0.0	11.2	*	0.0	14.9	*	25.0	18.1	*
Hip Fracture	4	0.0	9.3	*	0.0	16.9	*	0.0	21.9	*
Sepsis	2	0.0	25.4	*	0.0	34.8	*	0.0	40.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.4	*	0.0	7.4	*	100.0	10.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	3.6	*	0.0	6.4	*	0.0	8.1	*
Open Reduction of Hip Fracture	3	0.0	5.8	*	0.0	11.4	*	0.0	15.5	*
Prostatectomy	7	0.0	0.7	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy	2	0.0	7.5	*	0.0	13.8	*	0.0	16.9	*
Hysterectomy	3	0.0	0.4	*	0.0	0.9	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	296	6.4	7.3	1.8	8.8	11.9	3.0	13.5	15.5	2.9
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	25.3	*	50.0	30.6	*	50.0	34.9	*
Congestive Heart Failure	13	7.7	17.6	*	7.7	27.5	*	15.4	35.2	*
Pneumonia/Influenza	2	0.0	18.9	*	0.0	24.9	*	0.0	30.2	*
Chronic Obstructive Pulmonary Disease	4	50.0	19.3	*	50.0	31.8	*	50.0	39.9	*
Transient Cerebral Ischemia	4	0.0	3.1	*	0.0	6.9	*	25.0	10.8	*
Stroke	1	100.0	17.8	*	100.0	25.3	*	100.0	29.9	*
Hip Fracture	1	0.0	23.1	*	0.0	37.1	*	0.0	45.3	*
Sepsis	1	100.0	17.2	*	100.0	21.1	*	100.0	25.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	11	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.9	*	0.0	4.6	*	0.0	7.1	*
Cholecystectomy	6	0.0	2.8	*	0.0	5.7	*	0.0	7.6	*
Hysterectomy	3	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MINNESOTA VALLEY MEMORIAL HOSPITAL

621 S 4th St
Le Sueur, MN 56058

Medicare Provider Number: 240021

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	92	12.0	9.9	3.9	16.3	15.1	4.4	22.8	19.2	6.2
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	28.4	*	0.0	31.3	*	33.3	35.0	*
Congestive Heart Failure	7	42.9	20.1	*	57.1	31.8	*	85.7	41.1	*
Pneumonia/Influenza	12	25.0	18.7	*	33.3	25.8	*	41.7	30.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.2	*	0.0	8.0	*	0.0	11.8	*
Transient Cerebral Ischemia	0									
Stroke	4	0.0	18.3	*	0.0	25.5	*	0.0	30.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	11.1	0.4	*	11.1	1.0	*	11.1	1.6	*
Cholecystectomy	1	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	109
Occupancy Rate	80
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MINNESOTA VALLEY MEMORIAL HOSPITAL

Medicare Provider Number: 240021

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	93	18.3	14.0	4.0	30.1	20.2	6.5	31.2	24.9	6.5
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	51.5	*	100.0	54.8	*	100.0	59.2	*
Congestive Heart Failure	7	14.3	18.9	*	28.6	28.9	*	28.6	36.6	*
Pneumonia/Influenza	14	7.1	25.1	*	14.3	32.3	*	14.3	37.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.1	*	0.0	6.5	*	0.0	9.6	*
Transient Cerebral Ischemia	0									
Stroke	9	33.3	19.2	*	55.6	26.2	*	55.6	31.2	*
Hip Fracture	1	0.0	4.3	*	0.0	9.0	*	0.0	12.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	2.2	*	14.3	6.0	*	14.3	10.7	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	68	10.3	10.7	3.9	20.6	15.7	5.4	23.5	19.8	6.2
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	25.9	*	0.0	27.8	*	0.0	30.2	*
Congestive Heart Failure	5	20.0	19.3	*	60.0	28.9	*	60.0	36.4	*
Pneumonia/Influenza	7	28.6	17.1	*	42.9	23.2	*	42.9	28.4	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.3	*	0.0	5.2	*	0.0	8.4	*
Stroke	5	0.0	21.2	*	40.0	27.1	*	40.0	31.9	*
Hip Fracture	1	100.0	3.0	*	100.0	6.1	*	100.0	8.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	100.0	2.7	*	100.0	5.8	*	100.0	8.3	*
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MINNEWASKA DISTRICT HOSPITAL

610 West Sixth Street
Starbuck, MN 56381

Medicare Provider Number: 240160

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	159	6.9	8.3	5.7	10.7	12.2	5.1	13.8	15.6	5.2
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	26.3	*	25.0	29.5	*	37.5	33.2	*
Congestive Heart Failure	3	0.0	18.9	*	0.0	30.3	*	66.7	39.1	*
Pneumonia/Influenza	18	5.6	17.7	*	16.7	24.8	*	22.2	30.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.2	*	0.0	6.6	*	0.0	9.9	*
Transient Cerebral Ischemia	0									
Stroke	13	15.4	15.6	*	23.1	21.7	*	23.1	26.0	*
Hip Fracture	2	0.0	10.0	*	0.0	17.7	*	0.0	22.4	*
Sepsis	2	0.0	26.4	*	0.0	36.9	*	0.0	46.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	9.5	*	0.0	17.3	*	0.0	22.1	*
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	1.0	*	33.3	2.3	*	33.3	3.8	*
Cholecystectomy	2	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	19
Occupancy Rate	32
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MINNEWASKA DISTRICT HOSPITAL

Medicare Provider Number: 240160

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	178	14.6	9.3	3.4	20.8	13.7	3.8	22.5	17.1	3.6
CONDITIONS:										
Acute Myocardial Infarction	13	61.5	27.1	*	61.5	30.2	*	61.5	33.7	*
Congestive Heart Failure	5	20.0	15.7	*	20.0	24.0	*	20.0	31.0	*
Pneumonia/Influenza	22	31.8	18.5	*	31.8	26.1	*	36.4	31.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.1	*	0.0	2.4	*	0.0	3.7	*
Stroke	13	15.4	17.9	*	38.5	25.4	*	38.5	30.1	*
Hip Fracture	5	0.0	7.4	*	20.0	14.0	*	20.0	18.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	5.6	*	100.0	9.2	*	100.0	12.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	4	0.0	7.5	*	25.0	14.7	*	25.0	19.9	*
Prostatectomy	7	0.0	0.8	*	0.0	1.9	*	0.0	3.1	*
Cholecystectomy	2	0.0	0.9	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	189	10.6	8.4	2.7	14.3	12.4	3.1	18.5	15.7	4.2
CONDITIONS:										
Acute Myocardial Infarction	14	57.1	30.3	*	71.4	34.7	*	78.6	38.5	*
Congestive Heart Failure	5	0.0	15.1	*	20.0	22.7	*	20.0	29.6	*
Pneumonia/Influenza	17	5.9	17.2	*	5.9	23.6	*	5.9	28.4	*
Chronic Obstructive Pulmonary Disease	3	33.3	3.2	*	33.3	6.5	*	66.7	9.4	*
Transient Cerebral Ischemia	1	0.0	0.8	*	0.0	1.7	*	0.0	2.6	*
Stroke	14	14.3	18.3	*	28.6	26.1	*	35.7	31.0	*
Hip Fracture	1	0.0	4.4	*	0.0	8.8	*	0.0	12.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.5	*	100.0	3.7	*	100.0	6.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.7	*	0.0	7.9	*	0.0	11.1	*
Prostatectomy	2	0.0	1.2	*	0.0	3.3	*	0.0	5.9	*
Cholecystectomy	6	0.0	1.8	*	0.0	2.9	*	0.0	3.6	*
Hysterectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MONTICELLO-BIG LAKE COMMUNITY HOSPITAL

1013 Hart Boulevard Box 480
Monticello, MN 55362

Medicare Provider Number: 240094

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	134	7.5	10.3	2.9	9.7	14.7	3.8	11.2	18.2	4.5
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	27.0	*	12.5	29.9	*	12.5	33.1	*
Congestive Heart Failure	9	11.1	16.7	*	22.2	26.3	*	33.3	34.0	*
Pneumonia/Influenza	7	0.0	15.5	*	14.3	20.1	*	14.3	23.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	2.2	*	0.0	5.3	*	0.0	8.7	*
Stroke	7	14.3	16.3	*	28.6	21.2	*	28.6	25.1	*
Hip Fracture	3	0.0	8.8	*	0.0	17.2	*	0.0	23.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.9	*	0.0	4.7	*	0.0	7.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	7.0	*	0.0	14.8	*	0.0	21.0	*
Prostatectomy	7	0.0	0.5	*	0.0	1.2	*	0.0	2.2	*
Cholecystectomy	4	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	130
Occupancy Rate	75
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	35
Percent of Physicians Board Certified Specialists	46
Medical Residents/Interns	0
Registered Nurses	23
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MONTICELLO-BIG LAKE COMMUNITY HOSPITAL

Medicare Provider Number: 240094

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	112	16.1	11.6	4.3	22.3	15.8	5.3	24.1	19.3	5.2
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	30.0	*	30.0	34.1	*	30.0	38.1	*
Congestive Heart Failure	6	66.7	12.6	*	66.7	18.7	*	83.3	24.1	*
Pneumonia/Influenza	6	0.0	10.1	*	0.0	13.3	*	0.0	15.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	9.1	*	0.0	13.4	*	0.0	17.7	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke	8	37.5	24.8	*	50.0	32.2	*	50.0	37.7	*
Hip Fracture	2	0.0	7.8	*	0.0	13.4	*	0.0	16.8	*
Sepsis	1	0.0	33.1	*	0.0	39.5	*	0.0	46.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	6.7	*	0.0	12.2	*	0.0	15.6	*
Prostatectomy	4	0.0	1.1	*	25.0	2.7	*	25.0	4.6	*
Cholecystectomy	2	0.0	2.2	*	0.0	4.3	*	0.0	5.6	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	87	10.3	11.1	3.7	19.5	16.0	4.9	20.7	19.8	4.9
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	42.9	*	33.3	49.1	*	33.3	54.1	*
Congestive Heart Failure	9	11.1	17.0	*	11.1	25.2	*	11.1	32.1	*
Pneumonia/Influenza	4	0.0	18.2	*	25.0	24.1	*	25.0	28.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	4	25.0	24.6	*	50.0	32.0	*	50.0	37.1	*
Hip Fracture	3	0.0	4.4	*	0.0	8.4	*	33.3	11.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	5.1	*	0.0	8.6	*	0.0	11.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	3.1	*	0.0	6.0	*	0.0	7.9	*
Prostatectomy	4	0.0	1.0	*	0.0	2.3	*	0.0	4.0	*
Cholecystectomy	2	50.0	17.0	*	100.0	29.5	*	100.0	35.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MOUNTAIN LAKE COMMUNITY HOSPITAL

801 Third Ave
Mountain Lake, MN 56159

Medicare Provider Number: 240134

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	116	8.6	8.1	14.7	16.4	12.7	15.2	18.1	16.7	17.9
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	26.0	*	40.0	28.5	*	40.0	31.6	*
Congestive Heart Failure	9	11.1	14.7	*	33.3	22.0	*	33.3	28.5	*
Pneumonia/Influenza	10	20.0	15.7	*	30.0	21.3	*	30.0	26.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	13.2	*	0.0	19.5	*	0.0	25.0	*
Transient Cerebral Ischemia	2	0.0	2.6	*	0.0	6.0	*	0.0	9.9	*
Stroke	4	25.0	18.2	*	25.0	23.9	*	25.0	28.4	*
Hip Fracture	0									
Sepsis	1	0.0	17.9	*	0.0	25.1	*	0.0	32.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	24
Occupancy Rate	25
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MOUNTAIN LAKE COMMUNITY HOSPITAL

Medicare Provider Number: 240134

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	127	11.8	14.1	4.1	18.9	20.1	3.7	22.8	24.5	4.1
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	27.9	*	50.0	30.5	*	50.0	33.7	*
Congestive Heart Failure	9	33.3	21.2	*	44.4	32.9	*	66.7	41.0	*
Pneumonia/Influenza	18	16.7	22.7	*	22.2	30.3	*	33.3	35.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	1.7	*	0.0	3.7	*	0.0	5.7	*
Stroke	10	10.0	25.8	*	10.0	32.1	*	10.0	36.9	*
Hip Fracture	1	0.0	7.7	*	0.0	12.6	*	0.0	15.6	*
Sepsis	1	0.0	16.6	*	0.0	28.4	*	0.0	39.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.6	*	0.0	5.7	*	0.0	9.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.3	*	0.0	12.6	*	0.0	15.5	*
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.7	*	0.0	1.6	*	0.0	2.4	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	154	14.9	11.1	4.5	18.8	16.4	5.6	24.7	20.6	5.9
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	31.9	*	62.5	36.0	*	62.5	39.7	*
Congestive Heart Failure	9	33.3	11.7	*	33.3	17.7	*	55.6	23.5	*
Pneumonia/Influenza	9	0.0	14.2	*	0.0	20.5	*	11.1	25.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.7	*	0.0	15.4	*	0.0	20.9	*
Transient Cerebral Ischemia	3	0.0	2.4	*	0.0	5.3	*	0.0	8.6	*
Stroke	8	37.5	17.6	*	50.0	23.6	*	62.5	28.4	*
Hip Fracture	5	0.0	10.9	*	0.0	19.4	*	0.0	25.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.1	*	0.0	4.4	*	0.0	6.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.1	*	0.0	16.0	*	0.0	24.2	*
Open Reduction of Hip Fracture	2	0.0	5.2	*	0.0	9.2	*	0.0	12.0	*
Prostatectomy	1	0.0	0.5	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy	2	0.0	1.1	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MURRAY COUNTY MEMORIAL HOSPITAL

2042 Juniper Ave
Slayton, MN 56172

Medicare Provider Number: 240073

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	257	10.1	9.1	2.0	13.2	14.1	2.3	15.6	18.3	3.4
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	26.6	*	71.4	30.7	*	71.4	35.0	*
Congestive Heart Failure	12	25.0	15.5	*	25.0	24.9	*	25.0	32.6	*
Pneumonia/Influenza	32	15.6	15.9	*	15.6	22.5	*	18.8	27.8	*
Chronic Obstructive Pulmonary Disease	5	0.0	6.6	*	0.0	11.2	*	0.0	15.5	*
Transient Cerebral Ischemia	7	0.0	2.5	*	14.3	5.9	*	14.3	9.8	*
Stroke	12	50.0	23.7	*	50.0	31.2	*	58.3	36.6	*
Hip Fracture	4	0.0	5.1	*	0.0	9.8	*	0.0	13.3	*
Sepsis	5	0.0	23.8	*	0.0	30.5	*	0.0	36.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	4.3	*	0.0	8.4	*	0.0	11.4	*
Open Reduction of Hip Fracture	1	0.0	2.9	*	0.0	5.6	*	0.0	7.7	*
Prostatectomy	5	0.0	0.7	*	0.0	1.7	*	0.0	2.8	*
Cholecystectomy	7	14.3	1.8	*	14.3	3.5	*	14.3	5.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	35
Occupancy Rate	31
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MURRAY COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 240073

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	272	8.5	9.9	2.8	12.1	14.6	3.3	15.8	18.3	2.9
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	29.3	*	25.0	31.8	*	25.0	34.9	*
Congestive Heart Failure	8	50.0	16.4	*	50.0	26.2	*	50.0	34.0	*
Pneumonia/Influenza	27	25.9	17.6	*	25.9	24.1	*	33.3	28.9	*
Chronic Obstructive Pulmonary Disease	4	0.0	9.8	*	25.0	16.5	*	25.0	22.0	*
Transient Cerebral Ischemia	13	0.0	1.8	*	0.0	4.0	*	0.0	6.3	*
Stroke	11	0.0	21.7	*	27.3	28.3	*	27.3	33.3	*
Hip Fracture	5	0.0	4.3	*	0.0	8.5	*	20.0	11.6	*
Sepsis	4	25.0	41.6	*	75.0	53.3	*	75.0	61.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	3.1	*	0.0	6.8	*	33.3	9.9	*
Open Reduction of Hip Fracture	1	0.0	7.3	*	0.0	13.2	*	0.0	16.7	*
Prostatectomy	5	0.0	1.1	*	0.0	2.6	*	0.0	4.1	*
Cholecystectomy	6	16.7	3.9	*	16.7	8.4	*	16.7	12.4	*
Hysterectomy	2	0.0	0.7	*	0.0	1.3	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	225	11.1	9.8	2.5	16.4	14.6	3.1	20.0	18.4	3.5
CONDITIONS:										
Acute Myocardial Infarction	9	66.7	29.4	*	77.8	33.0	*	77.8	36.0	*
Congestive Heart Failure	7	0.0	11.4	*	42.9	18.2	*	42.9	24.3	*
Pneumonia/Influenza	31	12.9	16.5	*	19.4	22.8	*	29.0	28.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.1	*	0.0	13.3	*	50.0	17.7	*
Transient Cerebral Ischemia	7	0.0	2.1	*	0.0	4.9	*	0.0	8.1	*
Stroke	8	25.0	22.6	*	37.5	31.3	*	37.5	37.5	*
Hip Fracture	3	33.3	11.0	*	33.3	20.2	*	66.7	25.8	*
Sepsis	2	50.0	27.7	*	50.0	37.6	*	50.0	44.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.0	*	0.0	2.6	*	0.0	4.4	*
Cholecystectomy	1	0.0	5.7	*	0.0	10.3	*	0.0	13.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NAEVE HOSPITAL ASSOCIATION

404 Fountain Street
Albert Lea, MN 56007

Medicare Provider Number: 240043

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,018	9.7	8.5	1.2	14.1	12.8	1.3	17.9	16.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	58	25.9	24.7	7.0	32.8	28.6	7.6	34.5	32.2	7.2
Congestive Heart Failure	65	23.1	16.6	7.5	30.8	26.0	6.4	33.8	33.5	5.9
Pneumonia/Influenza	63	20.6	15.2	7.9	33.3	20.7	10.3	36.5	25.1	10.4
Chronic Obstructive Pulmonary Disease	16	37.5	9.2	*	43.8	16.0	*	43.8	21.8	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	4.3	*	0.0	7.2	*
Stroke	32	9.4	20.0	*	12.5	26.5	*	18.8	30.8	*
Hip Fracture	46	4.3	7.7	*	8.7	13.5	*	10.9	17.2	*
Sepsis	5	20.0	20.1	*	20.0	26.2	*	20.0	30.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.8	*	0.0	6.6	*	0.0	10.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	0.0	4.7	*	0.0	8.7	*	0.0	11.3	*
Open Reduction of Hip Fracture	12	8.3	6.7	*	8.3	12.5	*	16.7	16.2	*
Prostatectomy	76	1.3	0.8	1.4	2.6	2.1	2.0	5.3	3.6	2.4
Cholecystectomy	18	5.6	4.3	*	5.6	8.1	*	5.6	10.9	*
Hysterectomy	21	0.0	0.4	*	0.0	0.8	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	115
Occupancy Rate	41
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	38
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	0
Registered Nurses	81
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NAEVE HOSPITAL ASSOCIATION

Medicare Provider Number: 240043

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,030	12.4	9.0	1.2	17.0	13.3	1.5	19.0	16.8	1.3
CONDITIONS:										
Acute Myocardial Infarction	51	29.4	24.3	8.1	37.3	27.8	9.2	37.3	31.4	9.9
Congestive Heart Failure	67	19.4	14.7	5.3	29.9	22.4	7.8	34.3	28.9	5.9
Pneumonia/Influenza	66	16.7	14.6	5.2	19.7	20.0	4.9	21.2	24.3	5.9
Chronic Obstructive Pulmonary Disease	13	7.7	10.3	*	15.4	17.8	*	15.4	24.2	*
Transient Cerebral Ischemia	5	0.0	2.0	*	0.0	4.4	*	0.0	6.9	*
Stroke	32	28.1	19.4	*	31.3	26.4	*	37.5	31.0	*
Hip Fracture	40	5.0	5.5	*	10.0	10.4	*	12.5	13.7	*
Sepsis	3	33.3	28.9	*	33.3	39.9	*	33.3	47.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	6.5	*	12.5	9.8	*	12.5	13.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	8.0	2.7	*	8.0	5.3	*	8.0	7.1	*
Open Reduction of Hip Fracture	12	0.0	5.9	*	16.7	11.9	*	25.0	16.1	*
Prostatectomy	69	1.4	0.7	1.5	1.4	1.8	1.8	1.4	3.1	2.5
Cholecystectomy	29	17.2	3.8	*	20.7	7.7	*	24.1	10.7	*
Hysterectomy	9	0.0	0.7	*	0.0	1.6	*	11.1	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,005	12.1	8.6	0.9	16.4	12.9	1.2	18.8	16.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	64	34.4	27.7	6.2	37.5	31.4	6.1	37.5	35.2	6.1
Congestive Heart Failure	65	33.8	15.5	8.7	35.4	23.7	7.3	41.5	30.7	7.1
Pneumonia/Influenza	49	14.3	13.8	*	18.4	19.2	*	18.4	23.4	*
Chronic Obstructive Pulmonary Disease	12	25.0	8.9	*	33.3	15.3	*	41.7	20.4	*
Transient Cerebral Ischemia	11	0.0	1.7	*	0.0	3.7	*	0.0	6.0	*
Stroke	34	26.5	19.8	*	32.4	26.3	*	38.2	30.7	*
Hip Fracture	42	9.5	5.5	*	16.7	10.5	*	19.0	14.1	*
Sepsis	5	20.0	27.2	*	60.0	35.7	*	60.0	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	2.6	*	0.0	5.5	*	0.0	8.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	0.0	3.4	*	0.0	6.8	*	0.0	9.3	*
Open Reduction of Hip Fracture	6	0.0	3.7	*	16.7	7.3	*	16.7	10.1	*
Prostatectomy	70	1.4	0.6	1.0	4.3	1.5	2.0	5.7	2.6	2.8
Cholecystectomy	40	2.5	2.9	*	2.5	5.1	*	7.5	6.6	*
Hysterectomy	9	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NORTH COUNTRY HOSPITAL

1100 W 38th St
Bemidji, MN 56601

Medicare Provider Number: 240100

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,119	5.6	8.4	1.0	8.8	12.9	1.1	11.9	16.5	1.2
CONDITIONS:										
Acute Myocardial Infarction	35	14.3	27.0	*	25.7	31.3	*	25.7	34.9	*
Congestive Heart Failure	61	8.2	16.5	7.8	18.0	25.7	9.0	23.0	33.1	9.4
Pneumonia/Influenza	51	5.9	14.5	6.7	13.7	20.0	6.9	21.6	24.3	6.3
Chronic Obstructive Pulmonary Disease	17	11.8	7.5	*	17.6	13.6	*	17.6	18.9	*
Transient Cerebral Ischemia	21	0.0	1.9	*	0.0	4.4	*	4.8	7.0	*
Stroke	42	21.4	25.9	*	23.8	32.9	*	23.8	37.8	*
Hip Fracture	43	11.6	7.8	*	11.6	13.5	*	18.6	17.2	*
Sepsis	11	18.2	30.4	*	18.2	42.6	*	27.3	50.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	40	5.0	3.2	*	5.0	6.0	*	5.0	8.1	*
Open Reduction of Hip Fracture	16	12.5	5.7	*	12.5	10.6	*	18.8	13.9	*
Prostatectomy	59	0.0	1.5	2.0	0.0	3.9	3.8	1.7	6.5	4.6
Cholecystectomy	25	4.0	4.0	*	8.0	6.4	*	12.0	7.8	*
Hysterectomy	4	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	89
Occupancy Rate	63
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	40
Percent of Physicians Board Certified Specialists	90
Medical Residents/Interns	0
Registered Nurses	76
Licensed Practical Nurses	26

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTH COUNTRY HOSPITAL

Medicare Provider Number: 240100

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,009	7.9	10.7	1.4	12.5	15.6	1.6	15.8	19.5	1.8
CONDITIONS:										
Acute Myocardial Infarction	51	27.5	28.6	7.0	29.4	32.2	7.4	31.4	36.0	9.4
Congestive Heart Failure	61	9.8	18.7	6.7	26.2	28.2	7.3	34.4	35.5	6.4
Pneumonia/Influenza	58	17.2	22.5	6.8	25.9	30.4	6.5	36.2	36.0	6.6
Chronic Obstructive Pulmonary Disease	18	11.1	8.0	*	16.7	14.0	*	22.2	19.3	*
Transient Cerebral Ischemia	14	0.0	1.8	*	0.0	4.3	*	7.1	7.1	*
Stroke	37	24.3	26.0	*	27.0	31.7	*	32.4	36.4	*
Hip Fracture	35	8.6	8.5	*	11.4	15.5	*	11.4	19.9	*
Sepsis	12	8.3	30.8	*	8.3	38.6	*	8.3	44.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	6.3	*	0.0	9.8	*	0.0	12.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	0.0	2.9	*	0.0	5.6	*	0.0	7.8	*
Open Reduction of Hip Fracture	19	10.5	7.7	*	15.8	14.6	*	15.8	19.0	*
Prostatectomy	41	0.0	1.5	*	0.0	4.0	*	4.9	6.9	*
Cholecystectomy	34	2.9	3.0	*	2.9	5.5	*	2.9	7.1	*
Hysterectomy	6	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	960	8.7	10.1	1.2	12.1	15.3	1.6	15.6	19.3	1.7
CONDITIONS:										
Acute Myocardial Infarction	45	33.3	27.9	*	33.3	31.2	*	33.3	34.5	*
Congestive Heart Failure	39	12.8	21.2	*	23.1	31.2	*	33.3	38.8	*
Pneumonia/Influenza	65	15.4	20.3	7.8	24.6	27.0	6.5	27.7	32.1	8.5
Chronic Obstructive Pulmonary Disease	13	7.7	7.4	*	7.7	13.6	*	7.7	18.9	*
Transient Cerebral Ischemia	14	7.1	2.7	*	7.1	6.1	*	7.1	9.6	*
Stroke	40	12.5	24.3	*	27.5	31.4	*	30.0	36.3	*
Hip Fracture	30	10.0	7.1	*	10.0	13.0	*	10.0	17.1	*
Sepsis	7	28.6	34.3	*	71.4	43.2	*	85.7	50.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	5.2	*	0.0	8.9	*	0.0	11.9	*
Carotid Endarterectomy	1	0.0	1.7	*	0.0	4.0	*	0.0	6.0	*
Hip Replacement/Reconstruction	16	0.0	3.8	*	6.3	6.9	*	6.3	9.0	*
Open Reduction of Hip Fracture	15	13.3	5.6	*	13.3	11.0	*	13.3	14.9	*
Prostatectomy	61	1.6	1.4	1.8	3.3	3.6	3.0	4.9	6.1	3.9
Cholecystectomy	31	6.5	3.4	*	6.5	6.1	*	9.7	8.1	*
Hysterectomy	15	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NORTH MEMORIAL MEDICAL CENTER

3300 Oakdale North
Robbinsdale, MN 55422

Medicare Provider Number: 240001

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,066	11.1	10.1	1.1	15.6	14.9	1.0	19.5	18.7	1.1
CONDITIONS:										
Acute Myocardial Infarction	87	34.5	28.5	7.9	36.8	32.0	8.4	40.2	35.4	10.0
Congestive Heart Failure	91	17.6	18.7	4.3	29.7	28.4	5.1	36.3	36.0	5.7
Pneumonia/Influenza	81	12.3	18.1	6.7	17.3	24.1	6.5	27.2	29.0	5.5
Chronic Obstructive Pulmonary Disease	13	7.7	5.1	*	7.7	9.6	*	7.7	13.8	*
Transient Cerebral Ischemia	16	0.0	2.2	*	6.3	4.8	*	12.5	7.5	*
Stroke	79	27.8	22.4	7.2	30.4	28.8	6.6	38.0	33.2	7.1
Hip Fracture	73	13.7	8.3	7.0	19.2	14.7	9.4	23.3	18.9	8.4
Sepsis	30	16.7	24.5	*	23.3	33.2	*	33.3	39.0	*
PROCEDURES:										
Angioplasty	41	4.9	3.1	*	4.9	3.9	*	4.9	5.0	*
Coronary Artery Bypass Graft	46	10.9	4.8	*	10.9	6.7	*	15.2	8.0	*
Initial Pacemaker Insertion	15	0.0	4.1	*	0.0	6.9	*	0.0	9.5	*
Carotid Endarterectomy	3	33.3	0.9	*	33.3	1.6	*	33.3	2.3	*
Hip Replacement/Reconstruction	36	5.6	3.4	*	8.3	6.7	*	11.1	9.2	*
Open Reduction of Hip Fracture	48	14.6	8.2	*	18.7	14.8	*	20.8	19.1	*
Prostatectomy	53	1.9	2.1	2.1	3.8	3.8	2.7	3.8	5.6	4.0
Cholecystectomy	32	6.3	1.7	*	6.3	2.9	*	6.3	3.9	*
Hysterectomy	13	0.0	0.9	*	0.0	1.8	*	0.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	383
Occupancy Rate	87
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	436
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	552
Licensed Practical Nurses	54

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

NORTH MEMORIAL MEDICAL CENTER

Medicare Provider Number: 240001

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,909	11.2	9.7	1.1	15.9	14.4	1.1	19.1	18.1	1.1
CONDITIONS:										
Acute Myocardial Infarction	107	39.3	25.5	6.1	42.1	29.0	5.8	42.1	32.7	5.3
Congestive Heart Failure	86	19.8	17.0	4.9	27.9	25.2	5.5	34.9	32.0	6.1
Pneumonia/Influenza	78	25.6	20.6	6.4	34.6	27.1	12.6	38.5	32.1	9.8
Chronic Obstructive Pulmonary Disease	22	18.2	10.2	*	27.3	16.3	*	27.3	21.5	*
Transient Cerebral Ischemia	27	3.7	2.0	*	3.7	4.3	*	3.7	6.7	*
Stroke	74	25.7	24.7	5.2	33.8	31.8	6.0	36.5	36.7	5.9
Hip Fracture	89	12.4	7.4	3.3	14.6	13.8	3.9	14.6	17.9	5.6
Sepsis	18	22.2	30.0	*	27.8	39.9	*	27.8	46.1	*
PROCEDURES:										
Angioplasty	32	3.1	5.0	*	6.3	6.3	*	6.3	7.6	*
Coronary Artery Bypass Graft	36	2.8	7.0	*	2.8	8.8	*	2.8	10.0	*
Initial Pacemaker Insertion	18	0.0	5.3	*	0.0	9.2	*	0.0	12.8	*
Carotid Endarterectomy	3	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction	39	5.1	3.7	*	7.7	7.5	*	7.7	10.3	*
Open Reduction of Hip Fracture	63	14.3	6.6	4.2	15.9	12.7	4.6	15.9	16.7	6.0
Prostatectomy	45	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy	38	2.6	2.4	*	2.6	3.9	*	5.3	4.9	*
Hysterectomy	15	0.0	1.0	*	0.0	2.0	*	6.7	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,297	11.3	9.5	1.3	15.8	14.0	1.3	18.9	17.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	131	26.0	30.8	6.7	31.3	34.7	6.4	35.1	38.4	6.6
Congestive Heart Failure	111	27.0	19.5	5.6	35.1	28.5	6.0	42.3	35.4	6.1
Pneumonia/Influenza	88	30.7	18.1	6.8	36.4	24.2	7.2	39.8	29.1	7.0
Chronic Obstructive Pulmonary Disease	26	11.5	8.3	*	19.2	14.3	*	19.2	19.2	*
Transient Cerebral Ischemia	38	5.3	2.0	*	5.3	4.3	*	5.3	6.8	*
Stroke	77	23.4	25.2	7.8	27.3	31.8	7.0	32.5	36.5	7.6
Hip Fracture	72	9.7	7.4	6.6	15.3	13.8	5.4	18.1	18.2	5.5
Sepsis	13	46.2	28.4	*	61.5	35.7	*	69.2	41.2	*
PROCEDURES:										
Angioplasty	51	0.0	4.8	5.6	2.0	5.6	4.7	2.0	6.6	5.5
Coronary Artery Bypass Graft	56	5.4	8.6	4.6	8.9	11.2	5.1	10.7	12.6	5.2
Initial Pacemaker Insertion	30	0.0	5.1	*	0.0	9.3	*	3.3	13.2	*
Carotid Endarterectomy	7	0.0	1.3	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction	36	8.3	4.1	*	11.1	8.0	*	11.1	11.2	*
Open Reduction of Hip Fracture	50	8.0	6.4	*	14.0	12.7	*	18.0	17.2	*
Prostatectomy	62	4.8	1.2	2.1	8.1	3.0	3.1	9.7	4.8	3.5
Cholecystectomy	33	6.1	2.6	*	6.1	4.6	*	6.1	6.0	*
Hysterectomy	19	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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North
Memorial
Medical
Center®

3300 North Oakdale
Robbinsdale, Minnesota 55422
612/520-5200

Medicare Mortality At North Memorial Medical Center
1986-1989

JANUARY, 1991

As in prior years, HCFA has released it's most recent mortality data comparing the death rate for Medicare patients at North Memorial Medical Center with national norms for 1989. The death rate for North Memorial at 30, 90, and 180 days post discharge, as well as in each of the diagnostic categories where case volumes allow meaningful statistical analysis, North Memorial Medical Center falls within one standard deviation of the average predicted mortality rate. Therefore, this variation from the average is not statistically significant.

When comparing the "up to 30 day" North Memorial Medical Center rate to national experience, it is noted that while the national mortality rate has risen each year since 1987 (by a total of 0.6%), North Memorial's rate has declined each year.

Review of comparative data can be helpful and supports North Memorial's interest in continuously improving the quality of care provided to the patient. However, it must be understood that this data has limitations. For example, it is not severity adjusted. In addition, the cause of death that occurs after discharge may not be related to the care received while hospitalized at the Medical Center.

North Memorial appreciates HCFA's efforts to continuously improve care and supports their efforts to develop methodologies that provide a means to better understand quality of health care being provided.

North Memorial Medical Center appreciates the opportunity to comment on this data.

NORTH PINE AREA HOSPITAL DISTRICT

317 Court Avenue
Sandstone, MN 55072

Medicare Provider Number: 240058

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	79	15.2	18.4	5.3	20.3	25.7	6.1	24.1	31.4	7.7
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	40.0	*	50.0	45.0	*	50.0	50.7	*
Congestive Heart Failure	6	33.3	21.0	*	50.0	32.8	*	66.7	41.8	*
Pneumonia/Influenza	18	22.2	30.5	*	27.8	40.0	*	33.3	46.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.0	*	0.0	14.8	*	0.0	19.3	*
Transient Cerebral Ischemia	1	0.0	0.9	*	0.0	1.9	*	0.0	2.9	*
Stroke	2	50.0	31.8	*	100.0	40.7	*	100.0	47.3	*
Hip Fracture	0									
Sepsis	1	0.0	24.3	*	0.0	36.5	*	0.0	46.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.1	*	0.0	5.1	*	0.0	8.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	23
Occupancy Rate	13
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTH PINE AREA HOSPITAL DISTRICT

Medicare Provider Number: 240058

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	87	19.5	15.3	5.6	23.0	22.1	5.2	26.4	27.2	6.1
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	29.6	*	16.7	33.8	*	16.7	38.2	*
Congestive Heart Failure	4	50.0	14.1	*	50.0	22.5	*	50.0	29.5	*
Pneumonia/Influenza	17	29.4	25.3	*	29.4	32.8	*	35.3	38.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.5	*	0.0	15.3	*	0.0	20.1	*
Transient Cerebral Ischemia	6	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke	3	66.7	16.5	*	66.7	21.0	*	66.7	25.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	2.4	*	0.0	6.5	*	0.0	11.5	*
Cholecystectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	101	11.9	11.2	3.2	17.8	16.9	3.8	22.8	21.8	4.5
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	23.4	*	0.0	28.6	*	0.0	33.1	*
Congestive Heart Failure	13	7.7	16.2	*	30.8	24.5	*	30.8	31.5	*
Pneumonia/Influenza	11	18.2	20.0	*	18.2	26.1	*	18.2	31.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	5.1	*	0.0	11.7	*	33.3	17.8	*
Stroke	5	0.0	20.3	*	20.0	26.4	*	20.0	31.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.8	*	0.0	1.4	*	0.0	1.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NORTHERN ITASCA HOSPITAL DISTRICT

258 Pinetree Drive
Bigfork, MN 56628

Medicare Provider Number: 240163

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	87	8.0	13.8	10.1	12.6	19.0	11.3	18.4	23.2	11.3
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	33.3	*	25.0	38.0	*	37.5	42.3	*
Congestive Heart Failure	3	33.3	18.3	*	33.3	27.0	*	33.3	34.2	*
Pneumonia/Influenza	6	0.0	13.3	*	0.0	17.6	*	0.0	21.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.2	*	0.0	3.3	*
Stroke	4	0.0	20.9	*	0.0	27.3	*	0.0	32.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	56
Occupancy Rate	73
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTHERN ITASCA HOSPITAL DISTRICT

Medicare Provider Number: 240163

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	78	11.5	14.9	4.8	14.1	21.5	6.2	16.7	26.5	7.3
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	14.8	*	0.0	19.1	*	0.0	23.2	*
Congestive Heart Failure	5	20.0	15.9	*	40.0	25.5	*	40.0	33.2	*
Pneumonia/Influenza	12	8.3	18.5	*	8.3	24.7	*	8.3	29.3	*
Chronic Obstructive Pulmonary Disease	1	100.0	16.5	*	100.0	24.2	*	100.0	30.2	*
Transient Cerebral Ischemia	2	50.0	1.6	*	50.0	3.2	*	50.0	4.8	*
Stroke	6	16.7	24.3	*	16.7	30.8	*	16.7	35.9	*
Hip Fracture	0									
Sepsis	3	33.3	47.2	*	33.3	57.0	*	33.3	64.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	1.0	*	0.0	2.3	*	0.0	3.5	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	83	7.2	13.9	4.4	13.3	19.2	4.8	24.1	23.5	4.8
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	38.4	*	50.0	42.5	*	50.0	47.1	*
Congestive Heart Failure	7	14.3	16.1	*	14.3	25.7	*	42.9	33.8	*
Pneumonia/Influenza	4	0.0	16.2	*	50.0	21.3	*	50.0	25.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	12.9	*	0.0	21.2	*	0.0	27.2	*
Transient Cerebral Ischemia	0									
Stroke	3	33.3	26.7	*	66.7	33.7	*	66.7	38.7	*
Hip Fracture	1	0.0	14.0	*	0.0	28.2	*	0.0	38.2	*
Sepsis	8	12.5	37.9	*	12.5	43.5	*	37.5	49.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	1.5	*	0.0	3.3	*	0.0	5.0	*
Cholecystectomy	2	0.0	2.8	*	0.0	4.2	*	0.0	5.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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NORTHERN Itasca Hospital, Nursing Home
and Out-patient Services
258 Pine Tree Drive
Bigfork, Minnesota 56628
Phone - (218) 743-3177
Fax - (218) 743-3559

January 14, 1991

MEDICARE PROVIDER NUMBER: 240163

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Ms. Sandra Kappert
2-D-2 Meadows East Bldg.
6325 Security Blvd.
Baltimore, MD 21207

Re: Medicare Hospital Mortality Information

Dear Ms. Kappert:

We are in receipt of Northern Itasca Health Care Center's "Medicare Hospital Mortality Information" report.

After devoting many hours reviewing and further researching the data sent to us, we concur completely with your statement: "The precision and interpretability of our estimates are questionable when there are no deaths or when 50 or fewer deaths in a particular category are being analyzed." As Northern Itasca's data showed no category with more than 8 cases, we question the advisability of producing and transmitting such a report.

Not only were the number of cases too negligible for accurate evaluation, but, of the 19 deaths attributed to our facility, only one actually died in our acute-care hospital---and that patient was on a "Do Not Resuscitate" status. The remaining 18 people died in other hospitals, at home, in nursing homes or in Swing Beds, which is a nursing home level-of-care bed in a hospital setting. Furthermore, 50% of the 18 cited died from causes unrelated to their hospital admissions, i.e. one patient who had been treated in our hospital for a myocardial infarction died three months after discharge from accidental carbon monoxide poisoning in her cabin! The remaining 50% of people reported were either terminal or on DNR status.

Your method of gathering information for this report produces inaccurate, inconclusive data and then shifts the burden of proof to the hospitals. We feel your ability to require facilities to spend many hours of costly staff time to negate your incorrect information and your ability to publish such data are grossly unfair and result in unnecessary, higher health care costs for the public. While we understand and concur with the intent of such a report, it is obvious that a more equitable method of acquiring information and calculating the data must be developed for small hospitals, if the project is to achieve its intended purpose. It is certainly not, at present, a tool we can use to discern "meaningful" data on which we can improve our quality of care, as you suggest.

Meryl Ostendorf RN,

Meryl Ostendorf, R.N.
UR/QA Coordinator

Lillian Carr, Adm

Lillian Carr,
Administrator

cc: Medical staff
George Rounds, M.D, Chief of Staff

NORTHFIELD CITY HOSPITAL

800 W 2nd St
Northfield, MN 55057

Medicare Provider Number: 240014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	315	9.8	9.0	1.8	14.6	13.6	2.5	16.5	17.5	3.2
CONDITIONS:										
Acute Myocardial Infarction	13	15.4	34.2	*	15.4	38.6	*	15.4	42.9	*
Congestive Heart Failure	15	20.0	15.4	*	26.7	23.5	*	26.7	30.4	*
Pneumonia/Influenza	27	11.1	15.4	*	18.5	21.0	*	22.2	25.6	*
Chronic Obstructive Pulmonary Disease	9	11.1	18.1	*	44.4	29.3	*	44.4	37.1	*
Transient Cerebral Ischemia	2	0.0	2.2	*	0.0	5.2	*	50.0	8.5	*
Stroke	15	20.0	21.1	*	40.0	27.1	*	40.0	31.8	*
Hip Fracture	17	11.8	5.8	*	11.8	11.4	*	17.6	15.5	*
Sepsis	2	50.0	31.3	*	100.0	41.6	*	100.0	47.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	6.2	*	16.7	13.0	*	33.3	18.4	*
Open Reduction of Hip Fracture	9	11.1	4.8	*	11.1	9.5	*	11.1	12.8	*
Prostatectomy	7	14.3	0.9	*	14.3	2.0	*	14.3	3.3	*
Cholecystectomy	5	0.0	1.8	*	0.0	2.9	*	0.0	3.6	*
Hysterectomy	4	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	69
Occupancy Rate	81
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	71
Percent of Physicians Board Certified Specialists	97
Medical Residents/Interns	0
Registered Nurses	37
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTHFIELD CITY HOSPITAL

Medicare Provider Number: 240014

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	258	12.0	10.6	2.1	14.7	15.6	2.6	17.1	19.6	2.7
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	32.6	*	25.0	35.8	*	25.0	39.5	*
Congestive Heart Failure	11	36.4	22.8	*	45.5	32.7	*	45.5	39.4	*
Pneumonia/Influenza	11	9.1	14.7	*	9.1	20.2	*	9.1	24.6	*
Chronic Obstructive Pulmonary Disease	7	0.0	9.8	*	14.3	16.4	*	14.3	22.0	*
Transient Cerebral Ischemia	7	0.0	2.5	*	0.0	5.6	*	0.0	8.9	*
Stroke	9	33.3	23.0	*	33.3	30.8	*	33.3	36.4	*
Hip Fracture	19	10.5	7.1	*	15.8	13.3	*	21.1	17.0	*
Sepsis	1	0.0	21.8	*	0.0	25.6	*	0.0	30.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	5.4	*	16.7	10.6	*	16.7	13.7	*
Open Reduction of Hip Fracture	13	15.4	6.7	*	15.4	13.0	*	23.1	17.2	*
Prostatectomy	3	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*
Cholecystectomy	6	0.0	1.3	*	0.0	2.4	*	0.0	3.3	*
Hysterectomy	3	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	229	9.6	8.7	2.4	14.8	13.3	3.3	21.0	17.3	4.4
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	28.4	*	33.3	31.6	*	33.3	35.2	*
Congestive Heart Failure	10	0.0	17.5	*	10.0	27.2	*	30.0	34.8	*
Pneumonia/Influenza	10	0.0	18.0	*	20.0	25.0	*	50.0	30.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.1	*	33.3	12.1	*	33.3	17.9	*
Transient Cerebral Ischemia	0									
Stroke	9	33.3	16.9	*	33.3	22.7	*	33.3	27.3	*
Hip Fracture	14	7.1	6.1	*	14.3	11.6	*	14.3	15.5	*
Sepsis	1	0.0	52.4	*	0.0	58.5	*	0.0	64.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.9	*	0.0	8.5	*	0.0	12.1	*
Open Reduction of Hip Fracture	8	12.5	5.9	*	12.5	11.6	*	12.5	15.6	*
Prostatectomy	12	0.0	1.1	*	0.0	2.8	*	16.7	4.7	*
Cholecystectomy	5	0.0	1.2	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy	1	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NORTHWEST MEDICAL CENTER

120 Labree Ave S
Thief River Falls, MN 56701

Medicare Provider Number: 240017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	610	9.3	7.7	1.8	13.3	11.8	1.8	15.9	15.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	17	17.6	25.0	*	23.5	27.9	*	29.4	30.8	*
Congestive Heart Failure	31	19.4	12.2	*	22.6	19.8	*	25.8	26.2	*
Pneumonia/Influenza	35	28.6	16.0	*	34.3	22.9	*	40.0	28.0	*
Chronic Obstructive Pulmonary Disease	8	0.0	3.0	*	0.0	5.6	*	12.5	8.1	*
Transient Cerebral Ischemia	6	0.0	1.8	*	0.0	3.9	*	0.0	6.3	*
Stroke	20	5.0	15.8	*	5.0	22.2	*	5.0	26.5	*
Hip Fracture	17	23.5	6.4	*	23.5	12.4	*	23.5	16.7	*
Sepsis	6	33.3	23.6	*	33.3	31.7	*	33.3	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	11.8	3.4	*	11.8	6.5	*	11.8	8.8	*
Open Reduction of Hip Fracture	5	0.0	4.5	*	0.0	8.9	*	0.0	12.0	*
Prostatectomy	45	0.0	0.6	*	2.2	1.4	*	2.2	2.5	*
Cholecystectomy	14	0.0	1.1	*	0.0	1.9	*	7.1	2.6	*
Hysterectomy	10	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	190
Occupancy Rate	61
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	40
Licensed Practical Nurses	31

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTHWEST MEDICAL CENTER

Medicare Provider Number: 240017

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	526	11.4	10.4	1.5	16.9	15.2	1.8	20.9	19.0	1.9
CONDITIONS:										
Acute Myocardial Infarction	23	17.4	28.2	*	21.7	31.7	*	26.1	35.2	*
Congestive Heart Failure	28	10.7	14.5	*	21.4	21.9	*	28.6	28.3	*
Pneumonia/Influenza	43	23.3	17.6	*	27.9	24.1	*	32.6	29.1	*
Chronic Obstructive Pulmonary Disease	5	0.0	9.7	*	0.0	20.0	*	0.0	27.2	*
Transient Cerebral Ischemia	12	0.0	1.5	*	0.0	3.0	*	0.0	4.7	*
Stroke	31	19.4	24.1	*	19.4	30.8	*	22.6	35.6	*
Hip Fracture	12	0.0	11.2	*	8.3	19.5	*	16.7	24.6	*
Sepsis	10	30.0	28.8	*	30.0	35.0	*	40.0	40.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.4	*	0.0	7.1	*	0.0	10.0	*
Open Reduction of Hip Fracture	11	0.0	10.3	*	9.1	18.7	*	18.2	24.0	*
Prostatectomy	37	0.0	0.8	*	0.0	1.9	*	2.7	3.1	*
Cholecystectomy	27	0.0	2.6	*	7.4	4.9	*	11.1	6.8	*
Hysterectomy	9	0.0	0.6	*	0.0	1.1	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	567	8.8	9.8	1.7	14.1	14.3	1.5	16.4	18.0	2.0
CONDITIONS:										
Acute Myocardial Infarction	26	26.9	29.5	*	34.6	32.8	*	34.6	36.5	*
Congestive Heart Failure	23	26.1	21.2	*	39.1	31.9	*	39.1	40.0	*
Pneumonia/Influenza	15	6.7	17.5	*	6.7	24.0	*	6.7	29.2	*
Chronic Obstructive Pulmonary Disease	16	12.5	9.1	*	25.0	15.2	*	37.5	20.1	*
Transient Cerebral Ischemia	7	0.0	2.4	*	0.0	5.2	*	0.0	8.3	*
Stroke	34	23.5	26.4	*	35.3	34.3	*	38.2	39.3	*
Hip Fracture	26	15.4	7.9	*	15.4	14.5	*	23.1	18.8	*
Sepsis	11	27.3	32.2	*	36.4	42.2	*	36.4	49.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	7.7	3.5	*	7.7	6.9	*	7.7	9.3	*
Open Reduction of Hip Fracture	15	20.0	8.3	*	20.0	15.7	*	26.7	20.5	*
Prostatectomy	48	0.0	0.8	*	0.0	1.9	*	2.1	3.2	*
Cholecystectomy	18	0.0	3.4	*	5.6	6.5	*	11.1	9.0	*
Hysterectomy	4	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Northwest Medical Center

120 LaBree Avenue South
Thief River Falls, MN 56701-0531
Phone: (218) 681-4240
FAX: (218) 681-5614

January 14, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

RE: Hospital Mortality Rates
Provider Number: 24-0017

Dear Mrs. Kappert:

I am responding on behalf of Northwest Medical Center with comments relative to the impending release of hospital-specific mortality data, as proposed in your December 6, 1990 letter.

We are pleased to have the opportunity in which to preview the statistics and mortality data prior to the public release, and to be able to provide comments which may be incorporated with this public release.

According to the data we have received from your offices, the mortality rates for "All Causes" was within one standard deviation of the predicted mortality rate at 30 days, 90 days and 180 days in all three years reported (FY 1987, FY 1988, and FY 1989). The numbers of cases in the eight "Conditions" and the five applicable "Procedures" were too small to develop meaningful comparisons between the predicted and actual mortality rates, according to your methodology. Subsequently, your mortality model was not able to develop standard deviations for comparison.

We continue to have a concern over the potential use of this data, and thus its public distribution. As you know, the HCFA database includes deaths that occur within 30, 90 and 180 days after an admission to our facility, even if the death occurred after discharge from our facility, and even if the death was unrelated to the "cause" implied by the diagnostic category. We do not feel that the mortality statistics are an adequate nor sufficient measure of comparable quality of care being delivered, nor do we feel that this data is an appropriate base from which to compare the quality of care being delivered at various hospitals. The only appropriate measure of quality of care being delivered should focus on process as well as outcome, and take into account individual characteristics of the patient involved. Facilities that are accredited by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO), as we are, review patient care process and outcomes on an ongoing basis as part of their quality assurance programs. These reviews establish criteria which assess the quality of care according to previously established appropriate quality "screens" for care being delivered to patients. Instances which do not appear to meet these "screens" are reviewed by physicians on an individual case-by-case basis. This process is a far more appropriate one by which to internally monitor quality of care being delivered, on an ongoing, case-by-case basis.

Any use of data or conclusions drawn from data are only as valid as the authenticity of the data and its modeling methodology. There are several errors in the data specific to Northwest Medical Center. For example, one patient is listed as having expired, who is still alive.

In sum, we feel the release of the data as proposed by HCFA is untimely, as it does not put forth a usable template nor process by which to gauge quality. We feel the only practical use of the data in this format will be an inappropriate, inadequate and inaccurate inter-institutional comparison by members of the public.

As a technical comment, HCFA is misreporting the "Hospital Characteristics" portion as it relates to Northwest Medical Center. The total number of beds for Northwest Medical Center listed in the release is 190. Northwest Medical Center has 100 acute care beds and 90 nursing home beds, as reported in the American Hospital Association Annual Survey of Hospitals. Our acute occupancy rate is 31%, as reported in the 1989 edition of the AHA survey. Your data collection methodology should be corrected to account for hospitals such as Northwest Medical Center who have other than acute care beds for comparison purposes.

Again, we appreciate the opportunity to review this data in advance of its publication and the opportunity to provide these comments.

Sincerely,

Jon D. Braband
Associate Administrator

JDB:bw

OLMSTED COMMUNITY HOSPITAL

1650 4th Street SE
Rochester, MN 55904

Medicare Provider Number: 240006

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	307	5.5	7.5	2.3	11.4	11.2	1.8	14.0	14.4	2.0
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	33.6	*	44.4	36.8	*	44.4	40.9	*
Congestive Heart Failure	17	0.0	14.9	*	23.5	22.8	*	29.4	29.6	*
Pneumonia/Influenza	22	9.1	16.8	*	31.8	23.1	*	36.4	28.0	*
Chronic Obstructive Pulmonary Disease	12	16.7	5.4	*	16.7	9.6	*	16.7	13.5	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	4.0	*	0.0	6.4	*
Stroke	8	25.0	16.3	*	25.0	21.8	*	25.0	26.0	*
Hip Fracture	24	4.2	6.4	*	4.2	11.6	*	12.5	15.2	*
Sepsis	5	0.0	17.3	*	20.0	22.2	*	20.0	27.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	2.7	*	0.0	5.3	*	0.0	7.3	*
Open Reduction of Hip Fracture	10	10.0	8.5	*	10.0	15.6	*	10.0	20.0	*
Prostatectomy	0									
Cholecystectomy	19	0.0	1.5	*	0.0	2.7	*	0.0	3.7	*
Hysterectomy	10	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	49
Occupancy Rate	37
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	51
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	62
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

OLMSTED COMMUNITY HOSPITAL

Medicare Provider Number: 240006

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	310	8.1	7.6	1.9	12.3	11.8	1.9	14.2	15.2	2.3
CONDITIONS:										
Acute Myocardial Infarction	13	15.4	28.4	*	15.4	32.3	*	15.4	36.4	*
Congestive Heart Failure	8	0.0	13.6	*	12.5	20.6	*	25.0	26.6	*
Pneumonia/Influenza	12	25.0	13.8	*	25.0	18.6	*	25.0	22.7	*
Chronic Obstructive Pulmonary Disease	11	0.0	5.9	*	0.0	10.3	*	18.2	14.3	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	4.1	*	0.0	6.5	*
Stroke	8	12.5	18.0	*	12.5	24.3	*	12.5	28.8	*
Hip Fracture	12	0.0	4.3	*	16.7	8.9	*	16.7	12.3	*
Sepsis	7	42.9	23.9	*	71.4	30.3	*	71.4	35.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	2.4	*	9.1	4.6	*	9.1	6.5	*
Open Reduction of Hip Fracture	5	0.0	3.4	*	0.0	7.1	*	0.0	10.0	*
Prostatectomy	0									
Cholecystectomy	15	0.0	2.1	*	0.0	3.6	*	0.0	4.5	*
Hysterectomy	8	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	249	8.8	8.0	1.9	12.0	11.8	2.1	13.7	15.2	2.4
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	27.7	*	25.0	31.5	*	25.0	35.6	*
Congestive Heart Failure	14	21.4	12.6	*	28.6	19.1	*	28.6	25.1	*
Pneumonia/Influenza	12	25.0	14.8	*	33.3	20.6	*	33.3	25.0	*
Chronic Obstructive Pulmonary Disease	7	14.3	9.3	*	14.3	17.7	*	14.3	24.6	*
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	2.9	*	0.0	4.6	*
Stroke	4	25.0	17.5	*	50.0	22.9	*	50.0	27.4	*
Hip Fracture	7	14.3	6.1	*	28.6	11.5	*	28.6	15.1	*
Sepsis	5	0.0	16.8	*	0.0	21.5	*	0.0	25.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	4.1	*	40.0	7.9	*	40.0	10.6	*
Open Reduction of Hip Fracture	1	0.0	13.8	*	0.0	26.1	*	0.0	33.3	*
Prostatectomy	0									
Cholecystectomy	13	0.0	2.0	*	0.0	3.5	*	0.0	4.4	*
Hysterectomy	8	0.0	1.8	*	0.0	3.5	*	0.0	5.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ORTONVILLE MUNICIPAL HOSPITAL

750 Eastvold Ave
Ortonville, MN 56278

Medicare Provider Number: 240111

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	177	13.6	10.9	3.4	16.4	15.7	3.2	19.8	19.7	3.0
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	29.3	*	36.4	33.4	*	45.5	37.6	*
Congestive Heart Failure	14	21.4	18.2	*	42.9	28.0	*	42.9	36.0	*
Pneumonia/Influenza	20	5.0	16.5	*	5.0	22.6	*	10.0	27.5	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.4	*	0.0	14.4	*	20.0	20.5	*
Transient Cerebral Ischemia	5	0.0	1.7	*	20.0	3.9	*	20.0	6.3	*
Stroke	7	42.9	26.3	*	42.9	33.7	*	42.9	38.9	*
Hip Fracture	5	0.0	4.2	*	0.0	7.8	*	0.0	10.5	*
Sepsis	1	0.0	36.7	*	0.0	42.9	*	0.0	50.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.9	*	0.0	7.6	*	0.0	10.3	*
Open Reduction of Hip Fracture	3	0.0	4.0	*	0.0	7.8	*	0.0	10.5	*
Prostatectomy	5	0.0	0.9	*	0.0	1.9	*	0.0	3.0	*
Cholecystectomy	6	0.0	6.0	*	0.0	12.1	*	16.7	16.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	105
Occupancy Rate	75
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ORTONVILLE MUNICIPAL HOSPITAL

Medicare Provider Number: 240111

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	171	8.2	10.4	3.4	12.9	15.3	4.2	16.4	19.6	4.2
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	28.2	*	27.3	33.0	*	27.3	37.9	*
Congestive Heart Failure	6	0.0	12.8	*	16.7	19.8	*	50.0	25.9	*
Pneumonia/Influenza	13	7.7	12.2	*	7.7	16.7	*	15.4	20.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	11.7	*	0.0	20.9	*	0.0	27.9	*
Transient Cerebral Ischemia	2	0.0	1.5	*	0.0	3.5	*	0.0	5.7	*
Stroke	9	0.0	20.4	*	0.0	26.0	*	0.0	30.5	*
Hip Fracture	3	0.0	4.7	*	33.3	8.9	*	33.3	12.0	*
Sepsis	1	0.0	44.0	*	0.0	51.7	*	0.0	60.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	4.4	*	50.0	8.9	*	50.0	12.3	*
Prostatectomy	6	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	4	0.0	1.7	*	0.0	3.3	*	0.0	4.6	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	177	13.6	9.4	3.7	16.9	13.5	3.7	19.2	17.0	3.2
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	30.0	*	33.3	33.7	*	40.0	37.6	*
Congestive Heart Failure	5	20.0	13.2	*	20.0	19.9	*	20.0	25.8	*
Pneumonia/Influenza	12	16.7	15.4	*	16.7	20.9	*	16.7	25.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	39.3	*	0.0	49.5	*	0.0	56.5	*
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	3.0	*	0.0	4.8	*
Stroke	6	16.7	18.5	*	16.7	24.1	*	16.7	28.9	*
Hip Fracture	8	0.0	5.7	*	0.0	10.7	*	0.0	14.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	5.3	*	0.0	10.0	*	0.0	13.4	*
Open Reduction of Hip Fracture	4	0.0	5.1	*	0.0	10.6	*	0.0	14.8	*
Prostatectomy	4	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*
Cholecystectomy	8	0.0	3.4	*	12.5	5.9	*	12.5	7.4	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

PARKERS PRAIRIE DISTRICT HOSPITAL

310 North Clayborn Avenue
Parkers Prairie, MN 56361

Medicare Provider Number: 240167

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	67	13.4	10.7	4.9	19.4	16.0	7.6	22.4	20.5	7.8
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	28.5	*	25.0	32.9	*	25.0	37.5	*
Congestive Heart Failure	3	33.3	17.7	*	66.7	26.1	*	66.7	33.0	*
Pneumonia/Influenza	5	20.0	14.1	*	20.0	18.7	*	20.0	22.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.6	*	50.0	12.0	*	50.0	16.9	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Stroke	5	20.0	22.4	*	40.0	28.1	*	40.0	32.5	*
Hip Fracture	0									
Sepsis	2	0.0	24.9	*	0.0	29.5	*	0.0	35.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	18
Occupancy Rate	16
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PARKERS PRAIRIE DISTRICT HOSPITAL

Medicare Provider Number: 240167

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	70	12.9	10.5	4.3	18.6	15.8	5.9	24.3	20.3	7.3
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	22.6	*	25.0	25.6	*	25.0	29.2	*
Congestive Heart Failure	1	0.0	11.0	*	0.0	16.7	*	0.0	21.9	*
Pneumonia/Influenza	9	11.1	15.8	*	11.1	21.7	*	33.3	26.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	12.4	*	0.0	20.7	*	0.0	27.6	*
Transient Cerebral Ischemia	0									
Stroke	4	25.0	26.4	*	25.0	34.6	*	25.0	40.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	71	16.9	12.4	4.8	21.1	17.8	5.7	26.8	22.1	6.8
CONDITIONS:										
Acute Myocardial Infarction	2	100.0	30.1	*	100.0	35.4	*	100.0	40.0	*
Congestive Heart Failure	1	0.0	14.9	*	0.0	23.5	*	0.0	30.7	*
Pneumonia/Influenza	2	0.0	17.6	*	0.0	25.2	*	50.0	31.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	28.3	*	0.0	38.6	*	0.0	46.9	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	14.1	*	0.0	18.8	*	0.0	22.9	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.5	*	0.0	1.1	*	0.0	1.9	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PAYNESVILLE COMMUNITY HOSPITAL

200 First Street West
Paynesville, MN 56362

Medicare Provider Number: 240122

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	209	13.9	11.4	3.6	19.1	17.3	3.7	22.0	21.8	3.4
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	34.8	*	66.7	38.4	*	66.7	42.9	*
Congestive Heart Failure	11	27.3	19.6	*	27.3	30.1	*	45.5	38.3	*
Pneumonia/Influenza	19	21.1	19.2	*	26.3	26.9	*	26.3	32.2	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke	10	20.0	16.4	*	20.0	24.2	*	20.0	29.0	*
Hip Fracture	0									
Sepsis	3	0.0	22.7	*	0.0	28.8	*	0.0	34.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	1.2	*	0.0	2.8	*	0.0	4.7	*
Cholecystectomy	5	0.0	1.7	*	0.0	3.4	*	0.0	5.1	*
Hysterectomy	1	0.0	3.6	*	0.0	8.6	*	0.0	13.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	94
Occupancy Rate	76
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PAYNESVILLE COMMUNITY HOSPITAL

Medicare Provider Number: 240122

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	203	10.8	10.7	2.7	17.7	16.9	2.7	21.7	21.6	3.0
CONDITIONS:										
Acute Myocardial Infarction	6	0.0	28.6	*	16.7	32.3	*	16.7	35.6	*
Congestive Heart Failure	12	25.0	17.5	*	33.3	26.0	*	41.7	33.2	*
Pneumonia/Influenza	15	20.0	22.4	*	33.3	30.0	*	33.3	35.3	*
Chronic Obstructive Pulmonary Disease	3	33.3	6.5	*	33.3	11.3	*	33.3	15.6	*
Transient Cerebral Ischemia	7	14.3	2.8	*	14.3	6.1	*	28.6	9.7	*
Stroke	8	12.5	25.0	*	12.5	33.1	*	12.5	38.1	*
Hip Fracture	0									
Sepsis	1	0.0	7.3	*	0.0	10.7	*	0.0	14.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	1.6	*	0.0	3.9	*	0.0	6.5	*
Cholecystectomy	7	14.3	4.8	*	28.6	9.3	*	28.6	12.2	*
Hysterectomy	3	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	145	7.6	11.3	3.9	11.7	17.0	4.9	17.2	21.6	4.9
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	31.7	*	28.6	36.1	*	28.6	40.1	*
Congestive Heart Failure	9	22.2	17.4	*	22.2	26.1	*	55.6	33.4	*
Pneumonia/Influenza	12	25.0	28.3	*	25.0	38.0	*	33.3	44.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	4	0.0	4.3	*	0.0	9.8	*	0.0	15.8	*
Stroke	5	20.0	30.0	*	20.0	38.5	*	20.0	43.5	*
Hip Fracture	0									
Sepsis	1	0.0	27.6	*	0.0	39.6	*	0.0	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.2	*	20.0	2.7	*	20.0	4.2	*
Cholecystectomy	5	0.0	2.4	*	0.0	4.5	*	0.0	6.2	*
Hysterectomy	1	0.0	0.8	*	0.0	1.2	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PELICAN VALLEY HEALTH CENTER

211 E Mill Street
Pelican Rapids, MN 56572

Medicare Provider Number: 240140

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	110	10.9	10.3	4.5	14.5	15.5	3.5	20.0	19.7	3.8
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	29.9	*	0.0	31.8	*	0.0	34.3	*
Congestive Heart Failure	5	40.0	22.8	*	40.0	35.9	*	60.0	45.5	*
Pneumonia/Influenza	12	25.0	19.5	*	25.0	25.5	*	33.3	30.1	*
Chronic Obstructive Pulmonary Disease	4	0.0	8.0	*	0.0	15.0	*	0.0	21.8	*
Transient Cerebral Ischemia	3	0.0	2.0	*	0.0	4.2	*	0.0	6.7	*
Stroke	6	16.7	23.7	*	16.7	29.9	*	33.3	34.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	59
Occupancy Rate	85
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	40
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PELICAN VALLEY HEALTH CENTER

Medicare Provider Number: 240140

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	90	11.1	10.3	3.4	17.8	15.5	4.3	21.1	19.8	4.5
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	44.8	*	0.0	48.2	*	0.0	52.6	*
Congestive Heart Failure	7	42.9	19.1	*	57.1	29.0	*	57.1	36.8	*
Pneumonia/Influenza	9	11.1	20.3	*	22.2	27.6	*	22.2	32.9	*
Chronic Obstructive Pulmonary Disease	2	0.0	9.6	*	0.0	18.9	*	50.0	26.5	*
Transient Cerebral Ischemia	2	0.0	2.5	*	0.0	5.7	*	0.0	9.0	*
Stroke	3	0.0	18.3	*	0.0	25.6	*	0.0	30.6	*
Hip Fracture	0									
Sepsis	1	100.0	35.8	*	100.0	41.1	*	100.0	47.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	86	11.6	12.1	4.5	17.4	17.6	5.1	20.9	22.1	4.6
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	57.1	*	25.0	61.2	*	25.0	66.0	*
Congestive Heart Failure	6	0.0	17.8	*	33.3	26.9	*	33.3	34.0	*
Pneumonia/Influenza	12	16.7	17.9	*	16.7	24.4	*	25.0	29.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	22.3	*	0.0	33.7	*	0.0	41.0	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	4.0	*	0.0	6.3	*
Stroke	0									
Hip Fracture	1	0.0	5.4	*	0.0	10.1	*	0.0	13.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

PIPESTONE COUNTY MEDICAL CENTER

911 Fifth Ave SW
Pipestone, MN 56164

Medicare Provider Number: 240123

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	269	11.9	9.3	3.3	16.4	13.4	5.0	20.1	16.8	5.4
CONDITIONS:										
Acute Myocardial Infarction	8	62.5	35.6	*	62.5	40.2	*	62.5	45.1	*
Congestive Heart Failure	17	29.4	17.3	*	41.2	26.2	*	47.1	33.4	*
Pneumonia/Influenza	23	21.7	16.7	*	26.1	23.4	*	34.8	28.1	*
Chronic Obstructive Pulmonary Disease	7	14.3	6.4	*	28.6	10.6	*	28.6	14.5	*
Transient Cerebral Ischemia	2	0.0	1.6	*	0.0	3.3	*	0.0	5.1	*
Stroke	12	33.3	18.8	*	50.0	25.4	*	50.0	30.0	*
Hip Fracture	19	5.3	5.3	*	10.5	9.7	*	15.8	13.0	*
Sepsis	2	100.0	35.5	*	100.0	46.3	*	100.0	57.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	3.8	*	0.0	7.5	*	33.3	10.3	*
Open Reduction of Hip Fracture	9	11.1	5.5	*	22.2	10.5	*	22.2	14.0	*
Prostatectomy	2	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*
Cholecystectomy	2	0.0	5.2	*	0.0	8.6	*	0.0	9.9	*
Hysterectomy	5	0.0	1.4	*	0.0	2.7	*	0.0	4.1	*

MORTALITY RATES (%)

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	87
Occupancy Rate	61
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PIPESTONE COUNTY MEDICAL CENTER

Medicare Provider Number: 240123

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	282	14.2	9.1	2.8	18.8	13.9	2.9	22.0	18.0	3.1
CONDITIONS:										
Acute Myocardial Infarction	10	40.0	38.2	*	40.0	42.5	*	40.0	47.0	*
Congestive Heart Failure	18	27.8	14.6	*	44.4	23.2	*	44.4	30.3	*
Pneumonia/Influenza	15	0.0	18.3	*	13.3	25.6	*	13.3	31.3	*
Chronic Obstructive Pulmonary Disease	5	20.0	6.8	*	20.0	11.1	*	20.0	15.1	*
Transient Cerebral Ischemia	3	33.3	1.4	*	33.3	3.2	*	33.3	5.0	*
Stroke	19	26.3	19.0	*	26.3	25.0	*	36.8	29.7	*
Hip Fracture	12	25.0	7.5	*	25.0	13.7	*	25.0	18.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	8	37.5	8.3	*	37.5	15.6	*	37.5	20.7	*
Prostatectomy	6	0.0	0.7	*	0.0	2.0	*	0.0	3.5	*
Cholecystectomy	7	0.0	1.3	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	5	0.0	0.5	*	0.0	1.0	*	20.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	280	10.0	8.4	1.9	12.1	12.4	2.0	15.7	15.8	2.2
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	27.7	*	37.5	30.8	*	37.5	34.8	*
Congestive Heart Failure	14	28.6	14.0	*	35.7	22.4	*	50.0	29.4	*
Pneumonia/Influenza	16	18.8	17.1	*	18.8	23.4	*	18.8	28.4	*
Chronic Obstructive Pulmonary Disease	6	0.0	8.7	*	0.0	14.7	*	0.0	19.4	*
Transient Cerebral Ischemia	5	0.0	1.3	*	0.0	2.8	*	0.0	4.3	*
Stroke	19	21.1	22.1	*	21.1	29.5	*	31.6	34.8	*
Hip Fracture	11	9.1	5.8	*	18.2	10.9	*	18.2	14.4	*
Sepsis	2	0.0	30.5	*	50.0	37.8	*	50.0	46.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.2	*	0.0	2.7	*	0.0	4.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	3.8	*	0.0	7.9	*	0.0	10.9	*
Open Reduction of Hip Fracture	5	20.0	7.1	*	40.0	13.3	*	40.0	17.6	*
Prostatectomy	0									
Cholecystectomy	4	0.0	1.2	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy	3	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

QUEEN OF PEACE HOSPITAL

301 2nd St NE
New Prague, MN 56071

Medicare Provider Number: 240037

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	335	14.3	10.5	3.0	18.8	15.8	2.8	23.3	20.0	3.0
CONDITIONS:										
Acute Myocardial Infarction	19	26.3	33.8	*	31.6	38.5	*	31.6	43.0	*
Congestive Heart Failure	24	12.5	16.3	*	12.5	25.7	*	25.0	33.5	*
Pneumonia/Influenza	27	18.5	18.1	*	22.2	25.2	*	29.6	30.7	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.7	*	20.0	13.0	*	20.0	17.7	*
Transient Cerebral Ischemia	7	0.0	1.5	*	14.3	3.4	*	14.3	5.6	*
Stroke	14	42.9	26.5	*	57.1	33.6	*	64.3	38.7	*
Hip Fracture	14	28.6	5.8	*	35.7	10.7	*	35.7	14.2	*
Sepsis	1	0.0	18.4	*	0.0	22.9	*	0.0	26.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	1.2	*	100.0	2.6	*	100.0	4.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.2	*	0.0	11.0	*	0.0	15.7	*
Open Reduction of Hip Fracture	11	18.2	4.3	*	18.2	8.5	*	18.2	11.7	*
Prostatectomy	11	9.1	0.9	*	9.1	2.1	*	9.1	3.6	*
Cholecystectomy	7	14.3	1.2	*	14.3	2.2	*	14.3	3.0	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	56
Occupancy Rate	23
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	42
Percent of Physicians Board Certified Specialists	95
Medical Residents/Interns	0
Registered Nurses	32
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

QUEEN OF PEACE HOSPITAL

Medicare Provider Number: 240037

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	302	12.3	9.9	2.0	16.2	14.8	2.2	19.2	18.8	2.4
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	33.4	*	31.3	37.9	*	43.8	41.9	*
Congestive Heart Failure	23	8.7	17.8	*	8.7	26.8	*	26.1	33.9	*
Pneumonia/Influenza	13	30.8	17.7	*	46.2	24.2	*	46.2	29.4	*
Chronic Obstructive Pulmonary Disease	3	33.3	8.2	*	33.3	13.8	*	33.3	18.8	*
Transient Cerebral Ischemia	8	0.0	2.4	*	0.0	5.6	*	0.0	8.9	*
Stroke	11	27.3	18.4	*	36.4	23.9	*	36.4	28.4	*
Hip Fracture	7	0.0	7.2	*	0.0	13.5	*	0.0	17.5	*
Sepsis	1	0.0	18.1	*	0.0	27.4	*	0.0	33.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	2.6	*	0.0	5.0	*	0.0	6.7	*
Open Reduction of Hip Fracture	5	0.0	6.0	*	0.0	11.8	*	0.0	15.7	*
Prostatectomy	10	0.0	1.5	*	10.0	3.9	*	10.0	6.6	*
Cholecystectomy	4	0.0	2.4	*	0.0	3.6	*	0.0	4.3	*
Hysterectomy	1	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	234	12.0	10.0	2.9	15.8	14.9	2.4	19.2	19.0	2.8
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	33.1	*	33.3	36.5	*	41.7	40.2	*
Congestive Heart Failure	16	31.3	13.2	*	37.5	20.6	*	43.8	27.2	*
Pneumonia/Influenza	20	15.0	15.5	*	25.0	21.7	*	30.0	26.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	7	0.0	2.0	*	0.0	4.5	*	0.0	7.2	*
Stroke	15	13.3	22.6	*	26.7	29.9	*	33.3	35.2	*
Hip Fracture	14	7.1	6.5	*	7.1	12.6	*	7.1	16.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	6.2	*	0.0	12.5	*	0.0	17.1	*
Open Reduction of Hip Fracture	6	16.7	6.7	*	16.7	13.5	*	16.7	18.3	*
Prostatectomy	10	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy	3	0.0	1.7	*	0.0	3.3	*	0.0	4.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RED LAKE HOSPITAL

Redlake, MN 56671

Medicare Provider Number: 240206

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	39	5.1	8.0	*	12.8	13.7	*	17.9	18.5	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	8.7	*	0.0	16.3	*	100.0	22.3	*
Congestive Heart Failure	4	0.0	33.5	*	50.0	54.2	*	50.0	67.1	*
Pneumonia/Influenza	3	0.0	9.6	*	0.0	13.2	*	0.0	16.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	23
Occupancy Rate	35
Ownership/Control	Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	24
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RED LAKE HOSPITAL

Medicare Provider Number: 240206

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	36	2.8	9.0	*	5.6	13.8	*	8.3	17.9	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	21.8	*	0.0	24.7	*	0.0	28.2	*
Congestive Heart Failure	5	20.0	23.0	*	40.0	35.9	*	40.0	45.3	*
Pneumonia/Influenza	1	0.0	12.0	*	0.0	16.1	*	0.0	19.8	*
Chronic Obstructive Pulmonary Disease	4	0.0	12.8	*	0.0	19.4	*	25.0	25.3	*
Transient Cerebral Ischemia	1	0.0	2.0	*	0.0	4.0	*	0.0	6.2	*
Stroke	1	0.0	15.1	*	0.0	19.4	*	0.0	23.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	49	2.0	8.0	*	10.2	13.1	*	10.2	17.4	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	9.1	*	0.0	14.2	*	0.0	18.2	*
Congestive Heart Failure	3	0.0	13.7	*	33.3	20.5	*	33.3	26.3	*
Pneumonia/Influenza	3	0.0	16.2	*	0.0	21.7	*	0.0	26.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.1	*	0.0	4.9	*	0.0	8.0	*
Stroke	1	0.0	26.3	*	100.0	32.5	*	100.0	37.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

REDWOOD FALLS MUNICIPAL HOSPITAL

100 Fallwood Rd
Redwood Falls, MN 56283

Medicare Provider Number: 240124

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	354	12.7	11.5	4.2	16.1	17.0	4.0	20.6	21.3	4.0
CONDITIONS:										
Acute Myocardial Infarction	20	35.0	24.6	*	40.0	28.7	*	45.0	32.7	*
Congestive Heart Failure	25	24.0	22.2	*	28.0	31.1	*	36.0	38.5	*
Pneumonia/Influenza	37	21.6	17.8	*	21.6	24.0	*	21.6	29.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	1.9	*	0.0	3.7	*	0.0	5.3	*
Transient Cerebral Ischemia	5	0.0	1.5	*	0.0	3.4	*	0.0	5.5	*
Stroke	17	29.4	27.4	*	29.4	35.4	*	29.4	41.1	*
Hip Fracture	3	0.0	5.4	*	33.3	9.8	*	33.3	13.0	*
Sepsis	2	0.0	9.6	*	0.0	13.6	*	0.0	16.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	4.7	*	33.3	9.0	*	33.3	12.1	*
Prostatectomy	0									
Cholecystectomy	5	0.0	1.4	*	0.0	2.6	*	0.0	3.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	35
Occupancy Rate	34
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

REDWOOD FALLS MUNICIPAL HOSPITAL

Medicare Provider Number: 240124

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	353	13.3	10.6	2.7	17.6	15.9	2.6	20.4	20.2	2.3
CONDITIONS:										
Acute Myocardial Infarction	20	30.0	28.6	*	35.0	32.5	*	35.0	36.5	*
Congestive Heart Failure	36	11.1	14.0	*	22.2	21.0	*	27.8	27.2	*
Pneumonia/Influenza	16	25.0	18.6	*	25.0	25.0	*	37.5	30.1	*
Chronic Obstructive Pulmonary Disease	4	25.0	6.7	*	25.0	12.1	*	25.0	16.9	*
Transient Cerebral Ischemia	5	40.0	2.6	*	40.0	5.7	*	40.0	8.9	*
Stroke	18	33.3	24.8	*	33.3	31.9	*	38.9	37.1	*
Hip Fracture	4	25.0	6.3	*	25.0	12.3	*	25.0	16.2	*
Sepsis	7	14.3	31.4	*	28.6	42.6	*	28.6	50.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	5.4	*	0.0	11.0	*	0.0	15.1	*
Prostatectomy	5	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy	5	0.0	2.1	*	20.0	3.8	*	20.0	4.8	*
Hysterectomy	3	0.0	1.6	*	0.0	3.0	*	0.0	4.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	315	11.4	12.5	2.2	17.1	17.8	2.2	20.3	22.0	2.8
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	29.7	*	38.1	33.9	*	38.1	37.9	*
Congestive Heart Failure	19	15.8	18.9	*	21.1	28.3	*	31.6	35.8	*
Pneumonia/Influenza	24	4.2	15.3	*	16.7	21.0	*	25.0	25.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	12.3	*	0.0	17.4	*	0.0	22.7	*
Transient Cerebral Ischemia	5	0.0	3.4	*	20.0	7.7	*	20.0	12.6	*
Stroke	24	16.7	19.8	*	25.0	25.7	*	25.0	30.4	*
Hip Fracture	2	0.0	4.7	*	0.0	9.3	*	0.0	12.9	*
Sepsis	7	14.3	18.5	*	28.6	26.4	*	28.6	32.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	3.8	*	0.0	7.9	*	0.0	11.1	*
Prostatectomy	4	0.0	0.7	*	25.0	1.8	*	25.0	3.1	*
Cholecystectomy	5	0.0	1.7	*	0.0	2.8	*	0.0	3.7	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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People
Caring for
People

Redwood Falls
Municipal Hospital

100 Fallwood Road
Redwood Falls, Minnesota 56283
507/637-2907

24-0124

January 3, 1991

Health Care Financing Administrator
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

To Whom It May Concern:

I am writing to comment on the Medicare hospital mortality rates scheduled to be published for fiscal years 1987, 1988, and 1989.

Because of the small number of cases, it is difficult to determine the statistical relevance of this data. Other than the "all causes" category, the number of cases or deaths in each category is too small to permit satisfactory estimation of the standard deviation. And for the "all causes" category, the observed rate is within one standard deviation of the predicted rate for all time frames for all years.

Because of the relatively small number of cases, each death is reviewed by the medical staff of Redwood Falls Hospital and discussed at their monthly meeting for quality assurance purposes. We feel that this 100% review produces the best study. The medical staff has not identified any pattern or trend of preventable deaths that would indicate that the mortality rates are out of line for the condition and age of patients treated.

Sincerely,

James E. Schulte

James E. Schulte
Administrator

JES:jmr

REGINA MEDICAL COMPLEX

1175 Nininger Road
Hastings, MN 55033

Medicare Provider Number: 240059

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	342	11.4	10.1	2.0	16.4	14.9	2.3	19.9	18.7	2.7
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	42.7	*	46.2	47.0	*	46.2	51.2	*
Congestive Heart Failure	12	25.0	13.4	*	33.3	20.6	*	50.0	27.0	*
Pneumonia/Influenza	12	25.0	18.9	*	25.0	25.8	*	33.3	31.0	*
Chronic Obstructive Pulmonary Disease	8	25.0	8.1	*	50.0	13.9	*	50.0	19.3	*
Transient Cerebral Ischemia	10	10.0	1.6	*	20.0	3.6	*	20.0	5.9	*
Stroke	11	18.2	15.9	*	18.2	22.0	*	27.3	26.3	*
Hip Fracture	10	0.0	6.6	*	10.0	12.2	*	10.0	15.9	*
Sepsis	1	0.0	26.7	*	0.0	35.2	*	0.0	43.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.6	*	0.0	5.2	*	0.0	7.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.9	*	0.0	8.3	*	0.0	12.4	*
Open Reduction of Hip Fracture	6	0.0	6.0	*	16.7	11.7	*	16.7	15.6	*
Prostatectomy	17	0.0	1.1	*	0.0	2.6	*	0.0	4.4	*
Cholecystectomy	7	0.0	2.9	*	0.0	4.7	*	0.0	5.9	*
Hysterectomy	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	128
Occupancy Rate	61
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	0
Registered Nurses	33
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

REGINA MEDICAL COMPLEX

Medicare Provider Number: 240059

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	280	11.4	9.5	3.1	16.4	14.2	4.5	20.0	18.0	4.5
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	29.4	*	33.3	32.4	*	33.3	36.0	*
Congestive Heart Failure	15	20.0	15.9	*	26.7	23.9	*	26.7	30.5	*
Pneumonia/Influenza	11	18.2	13.2	*	18.2	18.0	*	18.2	22.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.9	*	0.0	11.8	*	50.0	16.6	*
Transient Cerebral Ischemia	8	0.0	2.5	*	12.5	5.8	*	12.5	9.1	*
Stroke	10	40.0	16.5	*	40.0	23.4	*	40.0	27.8	*
Hip Fracture	10	0.0	6.5	*	0.0	12.3	*	20.0	16.2	*
Sepsis	8	50.0	24.6	*	50.0	30.6	*	62.5	36.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	2.7	*	0.0	5.5	*	0.0	7.5	*
Open Reduction of Hip Fracture	9	0.0	6.0	*	0.0	11.9	*	22.2	15.9	*
Prostatectomy	10	0.0	0.9	*	0.0	2.2	*	0.0	3.6	*
Cholecystectomy	6	0.0	2.5	*	0.0	4.3	*	16.7	5.3	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	264	10.6	8.3	2.8	15.9	12.9	3.6	20.5	16.7	3.9
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	23.8	*	11.1	26.9	*	22.2	30.0	*
Congestive Heart Failure	13	30.8	17.8	*	53.8	26.8	*	53.8	34.2	*
Pneumonia/Influenza	12	8.3	15.4	*	16.7	21.0	*	25.0	25.8	*
Chronic Obstructive Pulmonary Disease	5	0.0	4.9	*	0.0	9.2	*	20.0	12.9	*
Transient Cerebral Ischemia	7	0.0	2.5	*	0.0	5.8	*	0.0	9.3	*
Stroke	6	33.3	22.0	*	50.0	28.6	*	50.0	33.7	*
Hip Fracture	11	27.3	8.9	*	27.3	15.5	*	36.4	19.4	*
Sepsis	4	25.0	20.3	*	25.0	28.4	*	25.0	34.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	5.7	*	0.0	12.4	*	0.0	18.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	12.0	*	25.0	21.4	*	25.0	26.5	*
Open Reduction of Hip Fracture	5	20.0	5.1	*	20.0	10.1	*	40.0	13.6	*
Prostatectomy	5	0.0	1.9	*	0.0	5.0	*	0.0	8.8	*
Cholecystectomy	3	0.0	1.4	*	0.0	2.7	*	0.0	3.6	*
Hysterectomy	2	0.0	0.6	*	0.0	1.2	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RENVILLE COUNTY HOSPITAL

611 East Fairview
Olivia, MN 56277

Medicare Provider Number: 240173

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	239	18.8	10.6	9.0	23.0	15.5	9.5	27.6	19.5	11.2
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	33.6	*	28.6	36.9	*	28.6	40.9	*
Congestive Heart Failure	19	10.5	17.2	*	21.1	26.7	*	36.8	34.5	*
Pneumonia/Influenza	20	30.0	15.1	*	30.0	20.6	*	30.0	25.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	1.4	*	0.0	2.8	*	0.0	4.4	*
Stroke	16	68.8	24.4	*	68.8	31.0	*	68.8	35.9	*
Hip Fracture	5	20.0	5.2	*	20.0	10.3	*	40.0	14.2	*
Sepsis	2	0.0	19.9	*	0.0	25.1	*	0.0	30.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	4.4	*	50.0	9.3	*	100.0	13.2	*
Open Reduction of Hip Fracture	1	0.0	6.1	*	0.0	12.9	*	0.0	17.9	*
Prostatectomy	4	0.0	0.9	*	0.0	2.2	*	0.0	3.9	*
Cholecystectomy	12	16.7	3.6	*	16.7	6.6	*	16.7	8.2	*
Hysterectomy	2	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	30
Occupancy Rate	27
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RENVILLE COUNTY HOSPITAL

Medicare Provider Number: 240173

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	226	14.6	11.0	2.2	19.0	15.8	2.6	23.5	19.5	3.2
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	30.9	*	25.0	35.7	*	33.3	39.5	*
Congestive Heart Failure	13	15.4	16.4	*	38.5	26.2	*	46.2	33.8	*
Pneumonia/Influenza	18	22.2	20.3	*	33.3	27.5	*	33.3	32.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.5	*	0.0	9.1	*	33.3	12.0	*
Transient Cerebral Ischemia	3	0.0	1.9	*	0.0	4.2	*	0.0	6.6	*
Stroke	14	50.0	26.2	*	50.0	34.4	*	57.1	39.7	*
Hip Fracture	10	0.0	6.4	*	10.0	12.6	*	10.0	16.9	*
Sepsis	2	0.0	25.0	*	0.0	29.7	*	0.0	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	0.0	6.2	*	16.7	12.9	*	16.7	17.9	*
Prostatectomy	15	0.0	1.2	*	0.0	2.9	*	20.0	4.7	*
Cholecystectomy	4	0.0	1.8	*	0.0	3.0	*	0.0	3.7	*
Hysterectomy	2	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	257	14.0	8.8	2.6	19.8	13.5	3.1	23.0	17.5	3.3
CONDITIONS:										
Acute Myocardial Infarction	12	41.7	30.5	*	41.7	33.8	*	41.7	37.9	*
Congestive Heart Failure	14	14.3	11.8	*	28.6	18.2	*	42.9	24.0	*
Pneumonia/Influenza	14	21.4	18.0	*	28.6	25.0	*	42.9	30.9	*
Chronic Obstructive Pulmonary Disease	2	100.0	3.9	*	100.0	8.3	*	100.0	12.7	*
Transient Cerebral Ischemia	12	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	9	11.1	21.5	*	22.2	29.5	*	22.2	35.1	*
Hip Fracture	13	30.8	5.5	*	30.8	11.4	*	30.8	16.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	40.0	4.7	*	40.0	10.4	*	40.0	15.1	*
Open Reduction of Hip Fracture	5	0.0	4.5	*	0.0	9.6	*	0.0	13.7	*
Prostatectomy	13	0.0	1.3	*	7.7	3.2	*	7.7	5.4	*
Cholecystectomy	4	0.0	1.6	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RICE COUNTY DISTRICT ONE HOSPITAL

631 1st St SE
Faribault, MN 55021

Medicare Provider Number: 240071

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	773	8.7	8.6	1.3	12.5	13.2	1.9	15.4	16.9	2.4
CONDITIONS:										
Acute Myocardial Infarction	24	16.7	22.0	*	16.7	26.0	*	25.0	29.7	*
Congestive Heart Failure	54	25.9	16.7	11.3	31.5	26.2	10.6	38.9	33.7	11.4
Pneumonia/Influenza	49	14.3	15.4	*	22.4	20.6	*	24.5	25.0	*
Chronic Obstructive Pulmonary Disease	3	33.3	10.2	*	33.3	15.3	*	33.3	19.8	*
Transient Cerebral Ischemia	16	18.8	1.6	*	18.8	3.4	*	18.8	5.4	*
Stroke	22	18.2	19.5	*	31.8	25.8	*	31.8	30.1	*
Hip Fracture	30	10.0	7.0	*	20.0	12.5	*	20.0	16.1	*
Sepsis	5	60.0	28.1	*	60.0	33.7	*	60.0	39.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	1.7	*	0.0	4.0	*	0.0	6.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	0.0	3.2	*	5.9	6.1	*	5.9	8.1	*
Open Reduction of Hip Fracture	20	15.0	6.6	*	25.0	12.2	*	25.0	15.9	*
Prostatectomy	22	0.0	0.6	*	0.0	1.5	*	0.0	2.6	*
Cholecystectomy	23	4.3	1.8	*	8.7	3.3	*	8.7	4.3	*
Hysterectomy	6	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	64
Occupancy Rate	48
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	25
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	40
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RICE COUNTY DISTRICT ONE HOSPITAL

Medicare Provider Number: 240071

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	759	9.5	8.9	1.3	12.9	13.7	1.7	18.1	17.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	24	50.0	24.7	*	58.3	29.1	*	58.3	33.0	*
Congestive Heart Failure	52	7.7	16.8	6.6	9.6	25.3	8.8	17.3	32.2	9.2
Pneumonia/Influenza	36	27.8	18.4	*	27.8	24.8	*	38.9	29.7	*
Chronic Obstructive Pulmonary Disease	7	14.3	5.4	*	14.3	10.5	*	14.3	15.0	*
Transient Cerebral Ischemia	6	0.0	2.6	*	0.0	5.9	*	0.0	9.5	*
Stroke	22	36.4	22.8	*	36.4	30.3	*	40.9	35.0	*
Hip Fracture	33	12.1	6.8	*	18.2	12.3	*	18.2	15.8	*
Sepsis	6	16.7	28.3	*	16.7	36.6	*	50.0	42.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	4.2	*	0.0	6.9	*	0.0	9.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	5.3	4.0	*	5.3	7.9	*	5.3	10.6	*
Open Reduction of Hip Fracture	17	0.0	5.4	*	5.9	10.0	*	5.9	13.1	*
Prostatectomy	34	2.9	0.7	*	2.9	1.8	*	2.9	3.1	*
Cholecystectomy	17	0.0	1.5	*	0.0	2.6	*	5.9	3.3	*
Hysterectomy	9	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	686	7.0	9.2	1.8	13.4	14.1	1.4	17.1	18.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	20	35.0	28.2	*	35.0	32.3	*	35.0	36.0	*
Congestive Heart Failure	56	17.9	17.7	5.3	32.1	26.4	6.7	37.5	33.5	7.4
Pneumonia/Influenza	32	0.0	14.1	*	9.4	19.0	*	15.6	23.3	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.7	*	16.7	14.4	*	16.7	19.0	*
Transient Cerebral Ischemia	6	0.0	1.9	*	0.0	4.2	*	16.7	6.8	*
Stroke	19	15.8	23.9	*	21.1	31.5	*	26.3	36.2	*
Hip Fracture	22	9.1	6.5	*	18.2	12.5	*	22.7	16.7	*
Sepsis	1	0.0	33.2	*	0.0	38.4	*	0.0	45.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.5	*	0.0	6.9	*	0.0	10.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	5.9	5.3	*	17.6	10.7	*	23.5	14.4	*
Open Reduction of Hip Fracture	10	10.0	5.6	*	20.0	10.8	*	20.0	14.2	*
Prostatectomy	30	0.0	0.9	*	3.3	2.3	*	6.7	3.9	*
Cholecystectomy	14	0.0	1.2	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	3	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RICE MEMORIAL HOSPITAL

301 Becker Ave NW
Willmar, MN 56201

Medicare Provider Number: 240088

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,579	7.8	8.1	1.1	11.1	12.5	1.3	14.4	15.8	1.3
CONDITIONS:										
Acute Myocardial Infarction	69	23.2	24.1	5.3	26.1	28.1	5.7	29.0	31.9	5.9
Congestive Heart Failure	54	24.1	16.9	10.0	29.6	25.4	9.2	35.2	32.4	9.1
Pneumonia/Influenza	56	16.1	15.5	5.3	19.6	21.3	5.6	21.4	26.1	6.9
Chronic Obstructive Pulmonary Disease	11	0.0	6.8	*	0.0	11.5	*	0.0	15.7	*
Transient Cerebral Ischemia	13	0.0	1.8	*	0.0	4.0	*	15.4	6.3	*
Stroke	54	18.5	22.4	6.1	33.3	29.3	6.5	35.2	33.7	7.7
Hip Fracture	68	7.4	6.2	3.1	8.8	11.5	4.8	13.2	15.3	5.2
Sepsis	19	15.8	23.5	*	21.1	31.7	*	26.3	38.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	17.6	3.9	*	17.6	7.4	*	23.5	10.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	113	2.7	2.2	1.6	3.5	4.4	2.4	5.3	6.2	2.8
Open Reduction of Hip Fracture	17	5.9	5.8	*	11.8	10.9	*	11.8	14.5	*
Prostatectomy	88	1.1	0.7	1.1	3.4	1.8	2.0	5.7	3.2	3.2
Cholecystectomy	60	3.3	3.3	2.9	10.0	5.9	5.2	11.7	7.7	7.5
Hysterectomy	20	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	140
Occupancy Rate	54
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	72
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	147
Licensed Practical Nurses	53

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

RICE MEMORIAL HOSPITAL

Medicare Provider Number: 240088

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,487	9.2	8.2	1.2	12.5	12.5	1.0	15.3	15.9	1.1
CONDITIONS:										
Acute Myocardial Infarction	57	29.8	25.6	8.3	33.3	29.4	7.1	35.1	33.2	6.5
Congestive Heart Failure	39	17.9	16.5	*	23.1	25.1	*	25.6	32.0	*
Pneumonia/Influenza	40	15.0	17.8	*	20.0	24.1	*	25.0	28.8	*
Chronic Obstructive Pulmonary Disease	10	0.0	8.6	*	0.0	16.6	*	20.0	23.0	*
Transient Cerebral Ischemia	14	0.0	2.5	*	0.0	5.6	*	0.0	8.7	*
Stroke	39	35.9	22.4	*	43.6	29.5	*	43.6	34.2	*
Hip Fracture	54	3.7	5.9	4.4	7.4	11.0	7.8	9.3	14.3	8.1
Sepsis	11	36.4	34.5	*	45.5	43.7	*	45.5	50.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	6.3	5.4	*	12.5	8.6	*	18.8	11.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	109	2.8	1.6	2.0	3.7	3.1	1.8	4.6	4.3	2.1
Open Reduction of Hip Fracture	19	5.3	5.8	*	10.5	10.8	*	15.8	14.0	*
Prostatectomy	98	0.0	0.8	1.2	2.0	2.1	1.6	2.0	3.5	2.3
Cholecystectomy	50	2.0	3.8	*	2.0	6.3	*	4.0	8.1	*
Hysterectomy	19	0.0	1.1	*	0.0	2.1	*	0.0	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,404	9.8	8.2	1.4	13.7	12.5	1.3	16.4	16.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	82	32.9	26.5	7.0	35.4	30.5	6.3	37.8	34.4	5.7
Congestive Heart Failure	45	33.3	17.2	*	37.8	25.6	*	42.2	32.7	*
Pneumonia/Influenza	59	18.6	17.0	5.3	25.4	23.1	5.9	28.8	28.2	6.5
Chronic Obstructive Pulmonary Disease	13	15.4	11.5	*	23.1	19.5	*	30.8	25.5	*
Transient Cerebral Ischemia	10	0.0	2.1	*	0.0	4.5	*	0.0	7.0	*
Stroke	38	31.6	21.6	*	34.2	28.7	*	42.1	33.4	*
Hip Fracture	62	12.9	5.3	4.7	16.1	9.9	5.1	16.1	13.3	5.7
Sepsis	13	30.8	23.2	*	38.5	31.8	*	46.2	38.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	7.7	4.5	*	7.7	8.3	*	15.4	11.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	109	3.7	2.0	1.9	5.5	4.1	2.2	6.4	5.7	2.3
Open Reduction of Hip Fracture	23	21.7	4.9	*	26.1	9.5	*	26.1	12.7	*
Prostatectomy	86	1.2	0.8	1.0	3.5	1.9	1.8	5.6	3.3	2.9
Cholecystectomy	45	2.2	3.9	*	4.4	5.9	*	8.9	7.3	*
Hysterectomy	22	0.0	0.9	*	4.5	2.0	*	4.5	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RIVERSIDE MEDICAL CENTER

Riverside at 25th Avenue South
Minneapolis, MN 55454

Medicare Provider Number: 240080

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,557	9.7	7.4	1.0	14.0	11.5	1.0	17.5	14.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	71	35.2	27.6	9.9	35.2	31.1	10.5	42.3	34.5	11.5
Congestive Heart Failure	85	17.6	14.5	6.3	25.9	22.5	5.7	31.8	29.1	5.4
Pneumonia/Influenza	93	26.9	16.4	6.6	33.3	22.4	7.2	36.6	26.9	7.3
Chronic Obstructive Pulmonary Disease	25	8.0	7.9	*	12.0	13.6	*	12.0	18.3	*
Transient Cerebral Ischemia	34	0.0	1.8	*	0.0	4.0	*	5.9	6.4	*
Stroke	86	26.7	22.1	9.7	33.7	28.4	11.4	37.2	32.8	10.0
Hip Fracture	113	8.8	6.8	2.9	13.3	12.3	3.9	17.7	15.9	4.6
Sepsis	21	9.5	22.7	*	28.6	29.9	*	38.1	35.0	*
PROCEDURES:										
Angioplasty	15	0.0	1.4	*	0.0	1.8	*	6.7	2.5	*
Coronary Artery Bypass Graft	21	4.8	4.5	*	4.8	6.1	*	4.8	7.3	*
Initial Pacemaker Insertion	25	0.0	3.3	*	0.0	5.4	*	4.0	7.3	*
Carotid Endarterectomy	11	0.0	1.1	*	0.0	1.9	*	9.1	2.8	*
Hip Replacement/Reconstruction	111	2.7	2.2	2.8	6.3	4.1	3.6	8.1	5.5	3.5
Open Reduction of Hip Fracture	45	8.9	6.5	*	11.1	12.0	*	15.6	15.8	*
Prostatectomy	55	1.8	0.8	2.1	3.6	2.0	3.7	7.3	3.4	4.0
Cholecystectomy	68	1.5	1.5	1.8	4.4	2.5	2.6	4.4	3.2	2.8
Hysterectomy	26	0.0	0.9	*	0.0	2.0	*	7.7	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	901
Occupancy Rate	69
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	377
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	405
Licensed Practical Nurses	47

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RIVERSIDE MEDICAL CENTER

Medicare Provider Number: 240080

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	629	9.9	6.8	1.5	14.0	10.2	1.8	16.1	12.9	1.8
CONDITIONS:										
Acute Myocardial Infarction	14	50.0	36.3	*	57.1	39.7	*	57.1	43.4	*
Congestive Heart Failure	17	29.4	17.3	*	47.1	25.8	*	47.1	32.7	*
Pneumonia/Influenza	17	29.4	16.5	*	41.2	23.0	*	41.2	27.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.5	*	33.3	13.2	*	33.3	18.6	*
Transient Cerebral Ischemia	5	0.0	1.4	*	0.0	2.7	*	0.0	4.2	*
Stroke	14	14.3	27.9	*	21.4	35.1	*	28.6	40.2	*
Hip Fracture	63	4.8	6.3	3.6	11.1	11.7	4.6	11.1	15.3	5.9
Sepsis	1	0.0	26.6	*	0.0	32.6	*	100.0	39.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	10.8	*	33.3	16.0	*	33.3	20.1	*
Carotid Endarterectomy	1	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	66	3.0	2.0	1.9	6.1	4.0	3.0	6.1	5.5	2.9
Open Reduction of Hip Fracture	35	5.7	5.7	*	8.6	11.0	*	8.6	14.6	*
Prostatectomy	7	0.0	0.6	*	0.0	1.5	*	0.0	2.4	*
Cholecystectomy	4	0.0	1.2	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy	11	0.0	0.7	*	0.0	1.7	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	937	10.6	8.4	1.1	16.1	12.9	1.5	21.1	16.5	1.7
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	28.2	*	39.1	32.1	*	47.8	35.9	*
Congestive Heart Failure	58	24.1	15.9	6.5	34.5	24.0	7.8	46.6	30.7	10.0
Pneumonia/Influenza	50	16.0	16.7	*	24.0	22.6	*	34.0	27.3	*
Chronic Obstructive Pulmonary Disease	14	7.1	7.5	*	21.4	12.9	*	21.4	17.3	*
Transient Cerebral Ischemia	16	12.5	2.5	*	18.8	5.8	*	25.0	9.2	*
Stroke	30	23.3	22.1	*	40.0	29.8	*	50.0	34.8	*
Hip Fracture	38	13.2	6.0	*	23.7	10.8	*	28.9	14.2	*
Sepsis	5	20.0	27.1	*	20.0	33.8	*	40.0	40.1	*
PROCEDURES:										
Angioplasty	1	0.0	1.0	*	0.0	1.6	*	0.0	2.3	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	3.7	*	16.7	8.1	*	33.3	12.1	*
Carotid Endarterectomy	5	0.0	1.5	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction	46	2.2	1.4	*	2.2	2.5	*	4.3	3.4	*
Open Reduction of Hip Fracture	19	15.8	4.4	*	36.8	8.9	*	36.8	12.3	*
Prostatectomy	22	18.2	1.4	*	18.2	3.6	*	22.7	6.4	*
Cholecystectomy	13	7.7	2.9	*	7.7	4.0	*	7.7	5.0	*
Hysterectomy	14	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RIVERVIEW HOSPITAL

323 South Minnesota
Crookston, MN 56716

Medicare Provider Number: 240041

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	472	10.6	10.1	1.4	14.8	14.7	2.1	15.7	18.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	28	14.3	27.4	*	17.9	31.4	*	17.9	35.4	*
Congestive Heart Failure	22	9.1	15.0	*	13.6	23.2	*	13.6	29.9	*
Pneumonia/Influenza	29	13.8	17.3	*	20.7	23.7	*	24.1	28.8	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.1	*	33.3	13.8	*	33.3	18.4	*
Transient Cerebral Ischemia	2	0.0	1.8	*	0.0	4.2	*	0.0	7.0	*
Stroke	15	26.7	20.8	*	33.3	27.6	*	33.3	32.4	*
Hip Fracture	17	11.8	5.6	*	11.8	10.6	*	11.8	14.1	*
Sepsis	14	35.7	38.8	*	35.7	49.3	*	35.7	57.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.4	*	0.0	5.5	*	0.0	9.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	2.6	*	9.1	5.0	*	9.1	6.8	*
Open Reduction of Hip Fracture	8	0.0	4.8	*	0.0	9.6	*	0.0	13.1	*
Prostatectomy	3	0.0	0.6	*	0.0	1.5	*	0.0	2.6	*
Cholecystectomy	8	0.0	1.2	*	0.0	2.4	*	0.0	3.5	*
Hysterectomy	3	0.0	0.3	*	0.0	0.8	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	149
Occupancy Rate	77
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	36
Licensed Practical Nurses	28

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RIVERVIEW HOSPITAL

Medicare Provider Number: 240041

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	464	9.9	10.3	1.9	14.7	14.8	2.3	16.6	18.2	2.5
CONDITIONS:										
Acute Myocardial Infarction	26	26.9	29.3	*	34.6	32.4	*	34.6	35.9	*
Congestive Heart Failure	22	22.7	21.1	*	36.4	31.8	*	36.4	39.8	*
Pneumonia/Influenza	35	14.3	16.2	*	20.0	22.0	*	22.9	26.4	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.1	*	0.0	12.7	*	20.0	16.9	*
Transient Cerebral Ischemia	3	0.0	2.0	*	0.0	4.6	*	0.0	7.3	*
Stroke	21	19.0	21.5	*	19.0	27.7	*	19.0	32.4	*
Hip Fracture	13	0.0	7.3	*	7.7	12.6	*	7.7	16.2	*
Sepsis	14	28.6	33.9	*	50.0	42.6	*	50.0	50.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	20.5	*	0.0	36.2	*	0.0	46.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	0.9	*	16.7	1.8	*	16.7	2.5	*
Open Reduction of Hip Fracture	6	0.0	9.4	*	16.7	16.6	*	16.7	21.2	*
Prostatectomy	9	0.0	0.4	*	22.2	1.1	*	22.2	1.8	*
Cholecystectomy	5	0.0	0.9	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	4	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	484	13.6	10.2	1.9	19.8	14.5	2.5	22.5	18.0	2.6
CONDITIONS:										
Acute Myocardial Infarction	30	46.7	33.9	*	46.7	37.2	*	53.3	40.9	*
Congestive Heart Failure	17	23.5	17.8	*	29.4	26.4	*	35.3	33.8	*
Pneumonia/Influenza	28	14.3	12.5	*	25.0	17.4	*	25.0	21.5	*
Chronic Obstructive Pulmonary Disease	8	25.0	7.4	*	25.0	13.9	*	25.0	19.7	*
Transient Cerebral Ischemia	0									
Stroke	15	40.0	17.5	*	40.0	24.3	*	40.0	28.9	*
Hip Fracture	27	14.8	5.2	*	22.2	9.8	*	25.9	12.9	*
Sepsis	10	30.0	30.4	*	50.0	36.9	*	50.0	42.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.0	*	0.0	2.8	*	0.0	4.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	0.0	1.9	*	0.0	3.6	*	0.0	5.1	*
Open Reduction of Hip Fracture	17	17.6	4.9	*	23.5	9.8	*	29.4	13.3	*
Prostatectomy	9	0.0	0.5	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	13	0.0	2.0	*	7.7	4.0	*	7.7	5.8	*
Hysterectomy	3	0.0	2.4	*	0.0	5.0	*	0.0	7.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ROCHESTER METHODIST HOSPITAL

201 W Center St
Rochester, MN 55902

Medicare Provider Number: 240061

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,296	4.0	6.8	0.4	7.7	11.8	0.6	11.2	15.6	0.6
CONDITIONS:										
Acute Myocardial Infarction	37	13.5	24.7	*	24.3	29.1	*	32.4	33.1	*
Congestive Heart Failure	75	16.0	17.8	7.2	24.0	27.6	6.1	33.3	35.2	5.8
Pneumonia/Influenza	100	10.0	17.7	5.4	18.0	25.1	5.5	29.0	30.3	4.8
Chronic Obstructive Pulmonary Disease	39	12.8	10.0	*	20.5	17.2	*	20.5	23.2	*
Transient Cerebral Ischemia	13	0.0	2.1	*	0.0	4.8	*	7.7	7.6	*
Stroke	18	11.1	17.9	*	11.1	24.8	*	11.1	29.3	*
Hip Fracture	42	9.5	7.8	*	11.9	13.8	*	14.3	17.8	*
Sepsis	30	16.7	21.3	*	26.7	31.6	*	40.0	38.6	*
PROCEDURES:										
Angioplasty	10	0.0	10.0	*	10.0	12.6	*	10.0	14.3	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	7.3	*	0.0	14.9	*	0.0	21.6	*
Carotid Endarterectomy	11	0.0	1.8	*	0.0	3.4	*	9.1	4.9	*
Hip Replacement/Reconstruction	197	1.0	1.7	1.1	2.0	3.2	2.1	2.5	4.4	3.0
Open Reduction of Hip Fracture	14	7.1	6.4	*	7.1	11.8	*	7.1	15.3	*
Prostatectomy	436	0.7	0.9	0.5	0.9	2.3	1.0	1.8	4.0	1.5
Cholecystectomy	107	0.9	3.4	2.1	1.9	7.2	3.3	3.7	10.3	4.0
Hysterectomy	110	0.9	0.9	1.0	2.7	2.0	1.5	3.6	3.1	1.7

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	641
Occupancy Rate	61
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1,067
Percent of Physicians Board Certified Specialists	85
Medical Residents/Interns	0
Registered Nurses	632
Licensed Practical Nurses	135

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ROCHESTER METHODIST HOSPITAL

Medicare Provider Number: 240061

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,634	4.6	7.1	0.4	8.0	12.1	0.6	11.0	15.9	0.6
CONDITIONS:										
Acute Myocardial Infarction	52	21.2	29.8	10.3	23.1	34.1	11.3	25.0	38.3	12.7
Congestive Heart Failure	113	14.2	17.5	5.4	24.8	26.8	4.7	34.5	34.1	4.5
Pneumonia/Influenza	98	17.3	20.0	4.6	26.5	27.1	6.8	29.6	32.4	5.3
Chronic Obstructive Pulmonary Disease	36	13.9	10.1	*	16.7	18.3	*	19.4	25.0	*
Transient Cerebral Ischemia	26	3.8	1.9	*	3.8	4.1	*	3.8	6.4	*
Stroke	33	9.1	20.5	*	9.1	27.3	*	12.1	32.0	*
Hip Fracture	40	10.0	8.0	*	17.5	14.6	*	22.5	18.8	*
Sepsis	28	14.3	23.5	*	21.4	34.2	*	28.6	41.1	*
PROCEDURES:										
Angioplasty	11	0.0	8.8	*	0.0	12.5	*	0.0	15.5	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	5.3	*	0.0	12.0	*	0.0	18.5	*
Carotid Endarterectomy	15	0.0	2.1	*	0.0	4.1	*	13.3	6.0	*
Hip Replacement/Reconstruction	192	1.0	1.6	1.0	2.6	3.0	1.3	3.6	4.1	1.5
Open Reduction of Hip Fracture	12	0.0	5.5	*	0.0	11.0	*	8.3	15.0	*
Prostatectomy	446	0.2	0.9	0.6	0.7	2.2	1.0	1.3	3.7	1.3
Cholecystectomy	94	2.1	3.7	2.1	4.3	7.6	3.5	5.3	10.7	4.4
Hysterectomy	92	1.1	1.1	*	1.1	2.4	*	1.1	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,721	4.4	7.4	0.5	7.8	12.4	0.6	11.0	16.2	0.7
CONDITIONS:										
Acute Myocardial Infarction	63	17.5	30.8	7.8	19.0	34.8	8.3	22.2	38.5	8.8
Congestive Heart Failure	112	14.3	19.7	4.8	19.6	29.6	6.4	25.0	37.3	6.8
Pneumonia/Influenza	84	17.9	20.1	4.5	20.2	27.4	5.8	25.0	33.0	6.5
Chronic Obstructive Pulmonary Disease	47	12.8	10.9	*	21.3	18.6	*	29.8	24.5	*
Transient Cerebral Ischemia	24	0.0	2.2	*	4.2	5.0	*	8.3	7.9	*
Stroke	33	12.1	20.4	*	15.2	26.8	*	21.2	31.4	*
Hip Fracture	39	5.1	7.0	*	10.3	12.4	*	12.8	16.1	*
Sepsis	30	23.3	24.5	*	33.3	33.9	*	36.7	40.3	*
PROCEDURES:										
Angioplasty	5	0.0	4.2	*	0.0	5.9	*	0.0	7.9	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	31.3	*	0.0	55.3	*	0.0	69.3	*
Carotid Endarterectomy	12	0.0	2.3	*	0.0	4.8	*	0.0	7.2	*
Hip Replacement/Reconstruction	241	0.8	2.0	1.1	1.7	3.9	1.7	2.1	5.3	1.9
Open Reduction of Hip Fracture	9	0.0	5.6	*	0.0	10.5	*	0.0	13.7	*
Prostatectomy	403	0.2	0.9	0.7	1.0	2.3	1.0	1.7	3.9	1.4
Cholecystectomy	112	1.8	3.1	2.3	4.5	6.1	2.7	8.9	8.3	2.7
Hysterectomy	95	0.0	1.3	1.6	1.1	2.7	2.2	3.2	4.1	2.4

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Rochester Methodist Hospital

A MAYO FOUNDATION HOSPITAL

January 9, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2D2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

RE: Comments to Health Care Financing Administration regarding the 1989 mortality data.

Attention: Ms. Kappert:

We welcome Health Care Financing Administration's effort to assess institutional quality of care. However, this particular mortality based method continues to require further validation. The scope for misunderstanding this data, both by consumers and professionals, is far too great and we caution against using the data as an index of quality.

Based on this mortality data, Rochester Methodist Hospital is current evaluating possible clinical areas for further studies.

Sincerely,

Dale A. Rings

Dale A. Rings
Administrator
Rochester Methodist Hospital

DAR:jle
cc: Dr. D. A. Cortese, Chair, Clinical Practice Committee
Dr. T. J. McDonald, Chair, Hospital Operations Committee

201 West Center Street • Rochester, Minnesota 55902 • Telephone 507-286-7890

ROSEAU AREA HOSPITAL DISTRICT

715 Delmore Drive
Roseau, MN 56751

Medicare Provider Number: 240153

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	178	10.1	10.2	2.4	16.3	15.9	3.2	17.4	20.5	4.0
CONDITIONS:										
Acute Myocardial Infarction	6	0.0	21.9	*	16.7	25.6	*	16.7	29.2	*
Congestive Heart Failure	20	20.0	15.0	*	35.0	23.7	*	35.0	31.0	*
Pneumonia/Influenza	10	30.0	14.0	*	30.0	19.4	*	30.0	24.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.0	*	0.0	8.4	*	0.0	12.9	*
Transient Cerebral Ischemia	1	0.0	1.3	*	0.0	2.8	*	0.0	4.5	*
Stroke	12	0.0	21.5	*	8.3	29.9	*	8.3	35.1	*
Hip Fracture	0									
Sepsis	4	25.0	23.8	*	25.0	29.8	*	25.0	36.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.1	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	109
Occupancy Rate	70
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ROSEAU AREA HOSPITAL DISTRICT

Medicare Provider Number: 240153

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	211	9.0	11.5	2.5	12.8	17.0	3.3	15.6	21.3	4.1
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	25.1	*	25.0	28.4	*	25.0	31.8	*
Congestive Heart Failure	10	10.0	13.1	*	10.0	19.8	*	20.0	25.7	*
Pneumonia/Influenza	18	22.2	19.8	*	22.2	26.4	*	22.2	31.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.8	*	0.0	10.9	*	0.0	14.7	*
Transient Cerebral Ischemia	6	0.0	2.7	*	16.7	6.4	*	16.7	10.1	*
Stroke	16	12.5	21.2	*	12.5	27.6	*	18.8	32.4	*
Hip Fracture	0									
Sepsis	1	0.0	10.4	*	0.0	15.1	*	0.0	19.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.7	*	0.0	3.3	*	0.0	4.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	188	11.2	12.6	3.0	17.6	18.4	3.2	19.7	22.7	4.2
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	25.7	*	12.5	29.0	*	12.5	32.3	*
Congestive Heart Failure	13	7.7	13.2	*	23.1	19.9	*	23.1	25.9	*
Pneumonia/Influenza	16	12.5	19.2	*	18.8	26.4	*	18.8	31.7	*
Chronic Obstructive Pulmonary Disease	3	33.3	9.4	*	33.3	15.6	*	33.3	21.4	*
Transient Cerebral Ischemia	4	0.0	2.5	*	0.0	5.3	*	0.0	8.6	*
Stroke	18	33.3	26.3	*	50.0	33.5	*	55.6	38.3	*
Hip Fracture	0									
Sepsis	2	0.0	23.8	*	0.0	32.9	*	0.0	38.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.4	*	0.0	3.5	*	0.0	6.1	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RUSH CITY HOSPITAL

760 W 4th St
Rush City, MN 55069

Medicare Provider Number: 240169

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	74	9.5	9.1	3.5	16.2	14.5	4.6	20.3	19.1	4.8
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	4	50.0	15.1	*	75.0	22.7	*	100.0	29.2	*
Pneumonia/Influenza	8	0.0	18.7	*	0.0	25.8	*	0.0	30.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.1	*	0.0	12.6	*	0.0	17.7	*
Transient Cerebral Ischemia	1	0.0	1.7	*	0.0	3.8	*	0.0	6.2	*
Stroke	1	0.0	25.8	*	0.0	32.2	*	100.0	37.1	*
Hip Fracture	0									
Sepsis	1	100.0	37.4	*	100.0	62.4	*	100.0	73.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.6	*	0.0	1.1	*	0.0	1.7	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	29
Occupancy Rate	10
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RUSH CITY HOSPITAL

Medicare Provider Number: 240169

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	81	14.8	11.2	4.1	17.3	16.2	4.6	18.5	20.3	5.4
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	19.4	*	66.7	22.2	*	66.7	25.2	*
Congestive Heart Failure	8	12.5	15.9	*	12.5	23.3	*	12.5	29.7	*
Pneumonia/Influenza	6	16.7	19.2	*	16.7	25.0	*	16.7	29.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.6	*	0.0	13.3	*	0.0	19.3	*
Transient Cerebral Ischemia	1	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke	6	16.7	15.9	*	16.7	20.5	*	16.7	24.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.7	*	0.0	1.7	*	0.0	2.6	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	73	15.1	10.5	4.3	19.2	15.7	4.6	21.9	20.1	5.0
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	19.8	*	0.0	21.5	*	0.0	23.7	*
Congestive Heart Failure	4	50.0	18.3	*	50.0	27.6	*	50.0	35.4	*
Pneumonia/Influenza	6	16.7	10.9	*	50.0	15.1	*	50.0	18.9	*
Chronic Obstructive Pulmonary Disease	4	0.0	11.4	*	0.0	18.7	*	0.0	24.4	*
Transient Cerebral Ischemia	1	0.0	2.3	*	0.0	5.0	*	100.0	7.7	*
Stroke	6	0.0	18.4	*	0.0	24.2	*	0.0	28.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*
Cholecystectomy	1	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SANFORD MEMORIAL HOSPITAL

913 Main Street
Farmington, MN 55024

Medicare Provider Number: 240097

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	90	14.4	8.2	3.9	15.6	12.7	3.9	17.8	16.4	4.0
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	18.5	*	0.0	21.0	*	0.0	24.2	*
Congestive Heart Failure	8	50.0	15.7	*	50.0	24.0	*	50.0	31.1	*
Pneumonia/Influenza	6	33.3	16.3	*	50.0	21.8	*	50.0	26.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.6	*	0.0	3.4	*	0.0	5.4	*
Stroke	4	25.0	15.7	*	25.0	20.2	*	25.0	24.1	*
Hip Fracture	1	0.0	11.9	*	0.0	19.0	*	0.0	23.4	*
Sepsis	1	0.0	24.4	*	0.0	28.9	*	0.0	34.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	10.5	*	0.0	17.6	*	0.0	22.0	*
Prostatectomy	8	0.0	0.9	*	0.0	2.2	*	0.0	3.7	*
Cholecystectomy	2	0.0	3.1	*	0.0	5.6	*	0.0	7.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	90
Occupancy Rate	80
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	38
Percent of Physicians Board Certified Specialists	97
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SANFORD MEMORIAL HOSPITAL

Medicare Provider Number: 240097

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	79	17.7	12.0	7.2	21.5	17.3	7.8	24.1	21.2	7.1
CONDITIONS:										
Acute Myocardial Infarction	3	66.7	43.3	*	66.7	49.5	*	66.7	54.6	*
Congestive Heart Failure	5	20.0	10.5	*	40.0	16.2	*	60.0	21.6	*
Pneumonia/Influenza	2	0.0	18.0	*	0.0	23.9	*	0.0	28.2	*
Chronic Obstructive Pulmonary Disease	4	25.0	9.2	*	25.0	13.8	*	25.0	17.9	*
Transient Cerebral Ischemia	0									
Stroke	2	50.0	34.6	*	50.0	44.5	*	50.0	50.5	*
Hip Fracture	5	20.0	7.1	*	20.0	13.5	*	40.0	17.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	33.3	3.9	*	33.3	8.1	*	66.7	11.0	*
Prostatectomy	3	0.0	2.0	*	0.0	5.7	*	0.0	10.6	*
Cholecystectomy	3	0.0	1.9	*	0.0	3.2	*	0.0	4.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	80	12.5	9.2	4.0	15.0	14.4	4.0	18.8	18.4	4.4
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	25.2	*	0.0	28.4	*	0.0	32.0	*
Congestive Heart Failure	4	25.0	17.7	*	25.0	28.8	*	25.0	37.9	*
Pneumonia/Influenza	4	50.0	18.2	*	50.0	24.8	*	75.0	29.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.6	*	0.0	12.2	*	0.0	16.1	*
Transient Cerebral Ischemia	0									
Stroke	4	0.0	21.7	*	25.0	30.6	*	25.0	36.3	*
Hip Fracture	2	50.0	7.8	*	50.0	14.3	*	50.0	18.7	*
Sepsis	1	0.0	26.0	*	0.0	32.2	*	0.0	36.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	50.0	6.7	*	50.0	13.0	*	50.0	17.3	*
Prostatectomy	3	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SIOUX VALLEY HOSPITAL

1324 Fifth North Street
New Ulm, MN 56073

Medicare Provider Number: 240083

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	578	9.0	9.5	1.3	13.3	14.1	1.7	15.6	17.7	1.9
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	23.5	*	30.4	26.5	*	30.4	30.0	*
Congestive Heart Failure	33	6.1	16.2	*	12.1	23.7	*	18.2	30.3	*
Pneumonia/Influenza	18	5.6	19.6	*	5.6	26.4	*	11.1	31.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	19.1	*	0.0	29.6	*	0.0	37.6	*
Transient Cerebral Ischemia	14	7.1	2.3	*	7.1	5.4	*	7.1	8.8	*
Stroke	25	28.0	20.7	*	32.0	27.2	*	36.0	31.8	*
Hip Fracture	23	4.3	6.9	*	4.3	12.0	*	4.3	15.4	*
Sepsis	9	44.4	23.8	*	55.6	30.3	*	55.6	36.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.7	*	0.0	7.7	*	0.0	11.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	0.0	2.7	*	0.0	5.0	*	0.0	6.6	*
Open Reduction of Hip Fracture	16	6.3	5.5	*	6.3	10.1	*	6.3	13.1	*
Prostatectomy	10	0.0	1.1	*	0.0	2.5	*	0.0	4.2	*
Cholecystectomy	11	0.0	2.1	*	0.0	3.5	*	0.0	4.4	*
Hysterectomy	5	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	85
Occupancy Rate	39
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	41
Licensed Practical Nurses	23

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SIOUX VALLEY HOSPITAL

Medicare Provider Number: 240083

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	536	11.4	9.0	1.7	15.7	13.2	1.8	18.7	16.6	1.9
CONDITIONS:										
Acute Myocardial Infarction	23	43.5	25.0	*	43.5	28.3	*	47.8	31.8	*
Congestive Heart Failure	37	27.0	18.6	*	43.2	26.1	*	51.4	32.9	*
Pneumonia/Influenza	22	9.1	19.4	*	31.8	25.9	*	31.8	30.8	*
Chronic Obstructive Pulmonary Disease	2	50.0	10.4	*	50.0	17.8	*	50.0	24.1	*
Transient Cerebral Ischemia	10	0.0	1.7	*	0.0	3.9	*	0.0	6.3	*
Stroke	24	25.0	22.2	*	37.5	29.4	*	45.8	34.1	*
Hip Fracture	27	0.0	5.4	*	3.7	10.6	*	3.7	14.1	*
Sepsis	5	20.0	27.9	*	20.0	34.1	*	20.0	40.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	17.4	*	50.0	24.2	*	50.0	30.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	0.0	3.3	*	6.7	6.5	*	6.7	8.7	*
Open Reduction of Hip Fracture	19	0.0	4.3	*	0.0	8.8	*	0.0	12.1	*
Prostatectomy	24	0.0	0.5	*	4.2	1.1	*	4.2	1.8	*
Cholecystectomy	13	7.7	3.1	*	7.7	5.9	*	7.7	8.1	*
Hysterectomy	2	50.0	0.4	*	50.0	0.7	*	50.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	480	11.0	9.6	1.8	15.6	14.2	2.0	19.6	17.9	2.4
CONDITIONS:										
Acute Myocardial Infarction	25	36.0	27.1	*	36.0	30.6	*	36.0	34.3	*
Congestive Heart Failure	34	17.6	16.0	*	20.6	23.4	*	26.5	30.0	*
Pneumonia/Influenza	31	19.4	18.1	*	25.8	24.6	*	29.0	29.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.4	*	0.0	17.5	*	100.0	24.4	*
Transient Cerebral Ischemia	6	0.0	2.3	*	0.0	4.9	*	0.0	7.8	*
Stroke	27	22.2	22.3	*	25.9	29.5	*	33.3	34.3	*
Hip Fracture	11	18.2	5.9	*	18.2	11.5	*	18.2	15.3	*
Sepsis	7	42.9	26.2	*	42.9	33.9	*	42.9	40.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	5.0	*	66.7	9.7	*	66.7	13.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.6	*	0.0	7.5	*	0.0	10.4	*
Open Reduction of Hip Fracture	7	28.6	5.1	*	28.6	10.3	*	28.6	14.0	*
Prostatectomy	14	0.0	0.5	*	0.0	1.2	*	7.1	2.0	*
Cholecystectomy	9	0.0	2.8	*	0.0	4.9	*	0.0	6.7	*
Hysterectomy	6	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SLEEPY EYE MUNICIPAL HOSPITAL

400 Fourth Ave North
Sleepy Eye, MN 56085

Medicare Provider Number: 240130

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	219	11.4	10.5	2.2	16.0	16.0	2.5	19.6	20.3	3.6
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	36.0	*	14.3	39.8	*	42.9	44.2	*
Congestive Heart Failure	28	28.6	19.5	*	42.9	29.4	*	46.4	37.2	*
Pneumonia/Influenza	23	21.7	21.2	*	26.1	28.1	*	30.4	33.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.9	*	0.0	9.0	*	0.0	13.1	*
Transient Cerebral Ischemia	3	0.0	1.0	*	0.0	2.3	*	0.0	3.7	*
Stroke	6	33.3	19.7	*	33.3	26.5	*	33.3	31.2	*
Hip Fracture	5	0.0	6.9	*	0.0	12.3	*	0.0	16.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	4	0.0	6.2	*	0.0	11.3	*	0.0	14.9	*
Prostatectomy	9	0.0	1.1	*	0.0	2.5	*	0.0	4.2	*
Cholecystectomy	10	0.0	2.5	*	10.0	4.8	*	10.0	6.5	*
Hysterectomy	1	0.0	0.7	*	0.0	1.5	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	24
Occupancy Rate	33
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	20
Percent of Physicians Board Certified Specialists	90
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SLEEPY EYE MUNICIPAL HOSPITAL

Medicare Provider Number: 240130

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	222	12.2	11.5	2.8	18.9	16.4	3.8	21.6	20.3	4.0
CONDITIONS:										
Acute Myocardial Infarction	12	16.7	30.4	*	25.0	33.4	*	41.7	36.9	*
Congestive Heart Failure	14	7.1	16.3	*	28.6	24.3	*	28.6	30.7	*
Pneumonia/Influenza	21	42.9	23.8	*	52.4	31.5	*	52.4	36.9	*
Chronic Obstructive Pulmonary Disease	2	50.0	5.2	*	50.0	11.6	*	50.0	17.7	*
Transient Cerebral Ischemia	7	0.0	1.4	*	14.3	3.1	*	14.3	4.8	*
Stroke	13	7.7	16.9	*	7.7	23.4	*	7.7	27.6	*
Hip Fracture	2	50.0	4.8	*	50.0	9.5	*	50.0	12.9	*
Sepsis	1	100.0	58.0	*	100.0	72.3	*	100.0	79.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.9	*	0.0	7.6	*	0.0	10.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	4.5	*	50.0	9.1	*	50.0	12.6	*
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	1.0	*	0.0	2.4	*	0.0	4.1	*
Cholecystectomy	3	0.0	3.8	*	0.0	7.4	*	0.0	9.6	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	239	8.8	11.0	3.2	11.7	15.9	3.9	15.9	19.8	3.9
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	34.5	*	45.5	38.1	*	45.5	42.0	*
Congestive Heart Failure	16	0.0	18.3	*	0.0	27.7	*	0.0	35.3	*
Pneumonia/Influenza	20	15.0	21.2	*	15.0	28.2	*	20.0	33.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	7	0.0	1.8	*	14.3	3.8	*	14.3	6.2	*
Stroke	9	44.4	21.7	*	44.4	29.1	*	55.6	34.2	*
Hip Fracture	7	0.0	9.0	*	14.3	15.2	*	42.9	19.1	*
Sepsis	1	100.0	24.0	*	100.0	28.5	*	100.0	34.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	7.7	*	50.0	12.6	*	50.0	15.5	*
Open Reduction of Hip Fracture	2	0.0	8.4	*	0.0	14.5	*	0.0	18.1	*
Prostatectomy	11	0.0	1.4	*	0.0	3.4	*	0.0	5.5	*
Cholecystectomy	4	0.0	8.1	*	0.0	11.5	*	0.0	13.2	*
Hysterectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

SPRINGFIELD COMMUNITY HOSPITAL

625 N Jackson St
Springfield, MN 56087

Medicare Provider Number: 240179

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	203	16.3	10.8	6.9	22.2	16.4	8.4	23.6	20.8	4.7
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	30.1	*	42.9	34.7	*	42.9	39.2	*
Congestive Heart Failure	20	50.0	18.8	*	55.0	29.9	*	60.0	38.2	*
Pneumonia/Influenza	13	7.7	16.6	*	7.7	22.4	*	7.7	27.3	*
Chronic Obstructive Pulmonary Disease	3	33.3	7.7	*	33.3	15.5	*	33.3	22.6	*
Transient Cerebral Ischemia	2	0.0	1.2	*	0.0	2.9	*	0.0	4.6	*
Stroke	13	23.1	24.4	*	38.5	31.2	*	38.5	36.2	*
Hip Fracture	2	0.0	15.2	*	50.0	26.0	*	50.0	31.9	*
Sepsis	1	0.0	42.4	*	0.0	62.4	*	0.0	72.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	16.7	0.8	*	16.7	1.8	*	16.7	2.9	*
Cholecystectomy	3	0.0	4.3	*	0.0	7.7	*	0.0	9.2	*
Hysterectomy	1	0.0	0.3	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	24
Occupancy Rate	29
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SPRINGFIELD COMMUNITY HOSPITAL

Medicare Provider Number: 240179

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	196	13.3	10.2	4.0	19.4	15.7	4.7	22.4	20.1	4.4
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	23.6	*	40.0	26.6	*	60.0	30.3	*
Congestive Heart Failure	15	20.0	16.5	*	20.0	25.4	*	26.7	32.5	*
Pneumonia/Influenza	9	33.3	19.5	*	33.3	25.1	*	33.3	29.6	*
Chronic Obstructive Pulmonary Disease	5	0.0	6.1	*	0.0	11.2	*	0.0	16.0	*
Transient Cerebral Ischemia	8	0.0	2.4	*	0.0	5.2	*	0.0	8.3	*
Stroke	15	46.7	21.6	*	46.7	28.2	*	46.7	33.2	*
Hip Fracture	3	33.3	6.7	*	33.3	13.4	*	33.3	18.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy	4	0.0	1.6	*	25.0	2.7	*	25.0	3.5	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	178	13.5	12.6	2.5	18.0	18.3	3.0	21.9	22.7	3.2
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	31.1	*	36.4	34.5	*	36.4	38.4	*
Congestive Heart Failure	7	28.6	20.2	*	28.6	31.7	*	28.6	40.1	*
Pneumonia/Influenza	15	20.0	24.8	*	20.0	32.4	*	33.3	38.2	*
Chronic Obstructive Pulmonary Disease	3	33.3	21.0	*	33.3	38.8	*	33.3	51.0	*
Transient Cerebral Ischemia	5	0.0	2.0	*	0.0	4.4	*	0.0	7.1	*
Stroke	7	14.3	28.4	*	14.3	35.1	*	28.6	40.5	*
Hip Fracture	0									
Sepsis	4	50.0	39.5	*	75.0	49.3	*	75.0	57.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	1.2	*	0.0	2.9	*	0.0	5.0	*
Cholecystectomy	9	0.0	1.8	*	0.0	3.3	*	0.0	4.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST ANSGAR HOSPITAL

715 N 11th St
Moorhead, MN 56560

Medicare Provider Number: 240026

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	669	8.1	7.1	1.3	11.5	10.9	1.4	14.6	14.0	1.5
CONDITIONS:										
Acute Myocardial Infarction	25	24.0	26.4	*	32.0	29.5	*	32.0	33.1	*
Congestive Heart Failure	21	14.3	13.3	*	28.6	21.8	*	38.1	28.8	*
Pneumonia/Influenza	30	10.0	14.6	*	10.0	20.4	*	16.7	24.8	*
Chronic Obstructive Pulmonary Disease	7	0.0	4.2	*	14.3	7.9	*	28.6	11.7	*
Transient Cerebral Ischemia	8	0.0	1.6	*	0.0	3.3	*	12.5	5.2	*
Stroke	30	23.3	20.8	*	33.3	28.2	*	36.7	33.0	*
Hip Fracture	17	11.8	5.1	*	17.6	9.2	*	23.5	12.2	*
Sepsis	10	20.0	27.9	*	30.0	35.1	*	30.0	41.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	6.7	*	16.7	10.3	*	16.7	12.7	*
Carotid Endarterectomy	1	0.0	2.1	*	0.0	4.7	*	0.0	7.6	*
Hip Replacement/Reconstruction	20	0.0	1.7	*	0.0	3.2	*	0.0	4.4	*
Open Reduction of Hip Fracture	12	16.7	4.5	*	25.0	8.7	*	33.3	11.7	*
Prostatectomy	30	0.0	0.7	*	0.0	1.7	*	3.3	3.0	*
Cholecystectomy	11	0.0	2.2	*	0.0	3.8	*	0.0	4.8	*
Hysterectomy	6	16.7	7.3	*	16.7	13.3	*	16.7	16.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	95
Occupancy Rate	46
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST ANSGAR HOSPITAL

Medicare Provider Number: 240026

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	607	7.7	9.7	2.0	11.7	14.2	2.3	16.1	17.8	2.2
CONDITIONS:										
Acute Myocardial Infarction	19	42.1	32.2	*	42.1	36.2	*	57.9	40.7	*
Congestive Heart Failure	22	13.6	15.0	*	13.6	23.2	*	36.4	30.0	*
Pneumonia/Influenza	32	18.8	19.5	*	21.9	26.0	*	25.0	31.2	*
Chronic Obstructive Pulmonary Disease	4	0.0	4.9	*	0.0	9.5	*	0.0	14.0	*
Transient Cerebral Ischemia	12	0.0	2.5	*	0.0	5.4	*	0.0	8.4	*
Stroke	28	10.7	22.6	*	17.9	28.6	*	17.9	33.2	*
Hip Fracture	22	9.1	7.8	*	13.6	13.6	*	18.2	17.1	*
Sepsis	16	37.5	31.2	*	43.8	40.0	*	43.8	46.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Carotid Endarterectomy	4	0.0	1.4	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	11	0.0	5.2	*	9.1	8.8	*	9.1	11.0	*
Open Reduction of Hip Fracture	16	12.5	5.7	*	18.8	10.6	*	25.0	13.9	*
Prostatectomy	20	0.0	0.8	*	0.0	2.1	*	0.0	3.7	*
Cholecystectomy	20	5.0	1.9	*	10.0	3.1	*	15.0	4.0	*
Hysterectomy	6	0.0	0.9	*	0.0	1.8	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	687	6.3	9.8	1.5	11.4	14.6	1.9	14.7	18.5	1.9
CONDITIONS:										
Acute Myocardial Infarction	28	14.3	32.8	*	21.4	36.9	*	25.0	41.1	*
Congestive Heart Failure	26	7.7	16.0	*	23.1	24.1	*	30.8	31.0	*
Pneumonia/Influenza	22	4.5	17.8	*	13.6	24.0	*	18.2	29.2	*
Chronic Obstructive Pulmonary Disease	6	33.3	12.5	*	66.7	20.6	*	66.7	26.6	*
Transient Cerebral Ischemia	12	0.0	1.7	*	0.0	3.8	*	8.3	6.2	*
Stroke	28	7.1	19.4	*	7.1	25.9	*	7.1	30.7	*
Hip Fracture	20	5.0	6.6	*	20.0	12.0	*	20.0	15.8	*
Sepsis	12	16.7	30.2	*	25.0	36.7	*	33.3	43.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.3	*	0.0	5.1	*	25.0	8.2	*
Carotid Endarterectomy	4	0.0	1.9	*	0.0	4.0	*	0.0	5.9	*
Hip Replacement/Reconstruction	16	0.0	4.2	*	6.3	8.1	*	6.3	10.9	*
Open Reduction of Hip Fracture	13	7.7	5.8	*	23.1	11.3	*	23.1	15.2	*
Prostatectomy	37	0.0	1.1	*	0.0	2.8	*	2.7	4.8	*
Cholecystectomy	18	11.1	6.5	*	22.2	10.1	*	22.2	12.2	*
Hysterectomy	4	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST CLOUD HOSPITAL

1406 6th Ave North
St Cloud, MN 56301

Medicare Provider Number: 240036

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	2,838	8.3	8.5	0.5	12.0	13.1	0.7	15.2	16.8	0.8
CONDITIONS:										
Acute Myocardial Infarction	86	22.1	23.9	5.2	26.7	27.1	5.4	29.1	30.3	5.1
Congestive Heart Failure	129	19.4	15.9	3.5	27.1	24.8	4.7	32.6	32.1	4.2
Pneumonia/Influenza	114	9.6	16.5	5.1	14.0	22.7	6.1	19.3	27.6	6.5
Chronic Obstructive Pulmonary Disease	30	10.0	7.9	*	13.3	12.9	*	13.3	17.5	*
Transient Cerebral Ischemia	38	5.3	2.2	*	5.3	4.8	*	5.3	7.6	*
Stroke	79	21.5	21.1	4.6	22.8	27.2	5.4	29.1	31.5	5.3
Hip Fracture	88	5.7	7.7	3.4	6.8	13.5	5.5	9.1	17.2	6.3
Sepsis	18	27.8	28.8	*	27.8	37.8	*	33.3	44.8	*
PROCEDURES:										
Angioplasty	27	0.0	2.7	*	3.7	3.4	*	3.7	4.2	*
Coronary Artery Bypass Graft	24	4.2	4.3	*	4.2	5.9	*	4.2	7.0	*
Initial Pacemaker Insertion	22	4.5	3.1	*	4.5	6.2	*	4.5	9.3	*
Carotid Endarterectomy	12	0.0	1.5	*	8.3	2.9	*	8.3	4.1	*
Hip Replacement/Reconstruction	89	0.0	4.0	4.0	1.1	7.4	5.5	2.2	9.7	5.6
Open Reduction of Hip Fracture	25	4.0	6.0	*	4.0	10.9	*	8.0	14.0	*
Prostatectomy	149	0.7	0.9	0.9	2.0	2.2	1.7	4.7	3.8	2.2
Cholecystectomy	67	4.5	2.9	2.5	6.0	5.2	2.8	6.0	6.8	4.0
Hysterectomy	29	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	350
Occupancy Rate	62
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	180
Percent of Physicians Board Certified Specialists	66
Medical Residents/Interns	0
Registered Nurses	317
Licensed Practical Nurses	63

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST CLOUD HOSPITAL

Medicare Provider Number: 240036

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,501	8.4	8.3	0.6	12.5	13.0	0.7	15.6	16.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	64	31.3	26.3	6.5	31.3	29.8	6.2	34.4	33.3	6.0
Congestive Heart Failure	109	14.7	18.0	4.7	24.8	26.9	5.9	31.2	34.0	6.7
Pneumonia/Influenza	96	27.1	17.9	5.9	33.3	24.3	6.1	33.3	29.3	6.5
Chronic Obstructive Pulmonary Disease	23	0.0	7.3	*	4.3	13.2	*	17.4	18.6	*
Transient Cerebral Ischemia	32	0.0	2.3	*	3.1	4.8	*	3.1	7.5	*
Stroke	74	28.4	24.2	6.5	33.8	30.5	5.9	35.1	35.1	5.6
Hip Fracture	78	5.1	7.3	3.7	11.5	13.2	5.5	12.8	16.8	7.5
Sepsis	18	33.3	26.7	*	38.9	36.7	*	38.9	43.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	4	0.0	4.7	*	0.0	5.8	*	0.0	6.7	*
Initial Pacemaker Insertion	26	3.8	4.0	*	11.5	7.4	*	15.4	10.6	*
Carotid Endarterectomy	8	12.5	2.1	*	12.5	4.1	*	12.5	5.9	*
Hip Replacement/Reconstruction	56	0.0	3.9	3.4	1.8	7.5	4.9	3.6	9.7	5.9
Open Reduction of Hip Fracture	25	4.0	6.5	*	12.0	12.0	*	16.0	15.5	*
Prostatectomy	129	1.6	1.0	1.2	1.6	2.4	1.6	1.6	4.0	2.5
Cholecystectomy	69	2.9	2.6	2.2	2.9	4.8	3.5	4.3	6.5	4.5
Hysterectomy	27	3.7	0.7	*	3.7	1.5	*	3.7	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,097	7.0	8.8	0.9	11.8	13.6	1.1	15.3	17.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	68	27.9	29.7	5.7	32.4	33.3	5.8	36.8	36.9	6.2
Congestive Heart Failure	93	8.6	17.3	5.8	20.4	26.3	7.3	26.9	33.7	5.9
Pneumonia/Influenza	88	18.2	17.4	5.0	25.0	23.4	4.7	27.3	28.4	5.1
Chronic Obstructive Pulmonary Disease	3	0.0	2.8	*	0.0	5.1	*	0.0	7.2	*
Transient Cerebral Ischemia	30	3.3	1.8	*	10.0	3.9	*	10.0	6.0	*
Stroke	73	17.8	21.6	7.5	20.5	27.6	9.9	24.7	32.2	12.2
Hip Fracture	57	1.8	7.0	4.5	3.5	12.4	6.5	7.0	16.0	7.2
Sepsis	23	8.7	22.0	*	13.0	31.2	*	21.7	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	27	0.0	3.5	*	0.0	6.8	*	0.0	9.8	*
Carotid Endarterectomy	5	0.0	1.5	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction	60	0.0	2.5	2.9	1.7	4.7	4.2	3.3	6.3	4.6
Open Reduction of Hip Fracture	19	0.0	6.4	*	0.0	11.4	*	5.3	14.7	*
Prostatectomy	118	0.8	1.0	0.9	0.8	2.6	2.1	3.4	4.4	2.4
Cholecystectomy	40	2.5	3.1	*	5.0	5.3	*	10.0	6.5	*
Hysterectomy	15	0.0	0.5	*	6.7	1.0	*	6.7	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST ELIZABETH HOSPITAL

1200 5th Grant Blvd West
Wabasha, MN 55981

Medicare Provider Number: 240008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	241	12.0	9.4	2.7	16.6	14.0	3.7	22.0	17.9	4.4
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	29.1	*	28.6	32.5	*	42.9	36.1	*
Congestive Heart Failure	15	26.7	18.5	*	26.7	27.7	*	40.0	35.2	*
Pneumonia/Influenza	18	16.7	17.1	*	27.8	23.3	*	27.8	28.4	*
Chronic Obstructive Pulmonary Disease	5	0.0	6.4	*	20.0	10.0	*	40.0	13.5	*
Transient Cerebral Ischemia	5	0.0	1.1	*	0.0	2.7	*	0.0	4.3	*
Stroke	9	55.6	24.4	*	66.7	31.2	*	66.7	35.9	*
Hip Fracture	5	0.0	5.0	*	0.0	9.7	*	0.0	13.4	*
Sepsis	1	100.0	32.3	*	100.0	39.3	*	100.0	47.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	5.5	*	100.0	11.2	*	100.0	16.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	5.0	*	0.0	10.4	*	0.0	14.9	*
Open Reduction of Hip Fracture	2	0.0	4.0	*	0.0	7.4	*	0.0	9.7	*
Prostatectomy	10	0.0	1.1	*	0.0	3.0	*	10.0	5.2	*
Cholecystectomy	3	0.0	1.9	*	0.0	3.9	*	0.0	5.6	*
Hysterectomy	1	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	83
Occupancy Rate	68
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST ELIZABETH HOSPITAL

Medicare Provider Number: 240008

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	247	13.4	9.9	3.7	18.2	15.6	4.7	21.9	20.0	4.5
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	25.4	*	60.0	30.2	*	60.0	34.1	*
Congestive Heart Failure	14	35.7	20.5	*	50.0	31.2	*	57.1	39.2	*
Pneumonia/Influenza	10	10.0	15.6	*	20.0	20.7	*	20.0	24.9	*
Chronic Obstructive Pulmonary Disease	2	100.0	19.6	*	100.0	37.0	*	100.0	49.7	*
Transient Cerebral Ischemia	7	14.3	2.2	*	14.3	5.1	*	14.3	8.4	*
Stroke	18	27.8	22.1	*	38.9	29.6	*	50.0	34.7	*
Hip Fracture	6	16.7	6.4	*	16.7	12.5	*	16.7	16.7	*
Sepsis	5	40.0	29.9	*	40.0	38.4	*	40.0	45.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	6.1	*	25.0	12.6	*	25.0	17.2	*
Open Reduction of Hip Fracture	2	0.0	5.3	*	0.0	10.3	*	0.0	13.8	*
Prostatectomy	11	0.0	1.1	*	0.0	2.8	*	0.0	5.0	*
Cholecystectomy	1	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	3	0.0	1.6	*	0.0	4.3	*	0.0	7.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	261	8.8	9.4	1.8	13.4	14.5	2.7	14.6	18.6	3.3
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	20.1	*	33.3	23.1	*	41.7	26.4	*
Congestive Heart Failure	21	14.3	17.8	*	33.3	26.7	*	33.3	34.0	*
Pneumonia/Influenza	7	0.0	11.5	*	0.0	16.3	*	0.0	20.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.0	*	0.0	10.4	*	0.0	15.5	*
Transient Cerebral Ischemia	12	8.3	3.0	*	8.3	7.0	*	8.3	11.1	*
Stroke	11	9.1	25.1	*	27.3	32.3	*	27.3	37.4	*
Hip Fracture	10	10.0	7.1	*	10.0	13.3	*	20.0	17.8	*
Sepsis	2	0.0	8.8	*	0.0	12.1	*	0.0	15.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	7.1	*	20.0	13.5	*	20.0	18.1	*
Open Reduction of Hip Fracture	5	0.0	5.7	*	0.0	11.3	*	20.0	15.7	*
Prostatectomy	5	0.0	0.7	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy	2	0.0	4.0	*	0.0	8.1	*	0.0	10.9	*
Hysterectomy	2	0.0	0.6	*	0.0	1.0	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST FRANCIS HOSPITAL

325 West 5th Ave
Shakopee, MN 55379

Medicare Provider Number: 240104

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	228	11.8	9.5	2.7	17.5	14.3	2.7	18.9	18.2	2.6
CONDITIONS:										
Acute Myocardial Infarction	11	9.1	23.2	*	9.1	26.1	*	18.2	29.2	*
Congestive Heart Failure	14	28.6	14.8	*	35.7	21.2	*	35.7	27.7	*
Pneumonia/Influenza	11	18.2	16.4	*	18.2	23.2	*	18.2	28.1	*
Chronic Obstructive Pulmonary Disease	5	20.0	5.1	*	20.0	8.9	*	20.0	12.3	*
Transient Cerebral Ischemia	4	0.0	1.5	*	0.0	3.4	*	0.0	5.4	*
Stroke	13	23.1	20.2	*	30.8	26.4	*	30.8	31.0	*
Hip Fracture	12	8.3	7.6	*	33.3	13.7	*	33.3	18.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	7.7	*	42.9	13.6	*	42.9	17.5	*
Open Reduction of Hip Fracture	5	20.0	4.2	*	20.0	8.5	*	20.0	11.7	*
Prostatectomy	8	0.0	1.0	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy	6	0.0	1.9	*	0.0	3.1	*	0.0	4.0	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	69
Occupancy Rate	41
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	44
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	67
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST FRANCIS HOSPITAL

Medicare Provider Number: 240104

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	300	11.7	10.9	1.9	15.0	15.8	2.3	17.0	19.6	3.0
CONDITIONS:										
Acute Myocardial Infarction	13	15.4	29.5	*	15.4	33.6	*	15.4	37.1	*
Congestive Heart Failure	23	4.3	16.2	*	8.7	23.0	*	17.4	29.3	*
Pneumonia/Influenza	21	19.0	16.8	*	23.8	22.4	*	23.8	27.0	*
Chronic Obstructive Pulmonary Disease	4	25.0	10.4	*	25.0	17.8	*	25.0	23.5	*
Transient Cerebral Ischemia	2	0.0	2.0	*	0.0	3.7	*	0.0	5.6	*
Stroke	22	22.7	18.8	*	31.8	24.5	*	36.4	29.0	*
Hip Fracture	16	18.8	7.2	*	25.0	13.0	*	25.0	16.7	*
Sepsis	4	50.0	25.8	*	50.0	31.7	*	50.0	37.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.5	*	0.0	6.9	*	0.0	9.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	20.0	5.5	*	20.0	10.4	*	20.0	13.6	*
Open Reduction of Hip Fracture	5	20.0	6.2	*	40.0	11.9	*	40.0	15.7	*
Prostatectomy	7	0.0	1.1	*	0.0	2.7	*	0.0	4.2	*
Cholecystectomy	6	0.0	1.3	*	0.0	2.0	*	0.0	2.5	*
Hysterectomy	2	0.0	0.3	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	260	13.1	10.2	3.0	16.5	15.1	2.8	18.8	19.0	2.7
CONDITIONS:										
Acute Myocardial Infarction	11	9.1	25.1	*	9.1	27.8	*	9.1	30.7	*
Congestive Heart Failure	15	20.0	14.0	*	26.7	20.7	*	40.0	26.8	*
Pneumonia/Influenza	8	50.0	13.6	*	50.0	18.3	*	50.0	22.1	*
Chronic Obstructive Pulmonary Disease	5	0.0	5.6	*	0.0	9.6	*	0.0	13.2	*
Transient Cerebral Ischemia	4	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke	10	50.0	15.8	*	60.0	21.7	*	60.0	26.0	*
Hip Fracture	9	44.4	9.7	*	44.4	17.7	*	44.4	22.9	*
Sepsis	2	50.0	37.1	*	50.0	46.1	*	50.0	54.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.5	*	0.0	7.1	*	0.0	10.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	10.9	*	50.0	18.9	*	50.0	23.1	*
Open Reduction of Hip Fracture	6	33.3	8.4	*	33.3	16.9	*	33.3	23.1	*
Prostatectomy	8	0.0	1.0	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy	4	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST FRANCIS MEDICAL CENTER

415 Oak Street
Breckenridge, MN 56520

Medicare Provider Number: 240029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	572	7.7	10.7	1.7	11.9	16.3	2.0	15.0	20.7	2.3
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	34.6	*	22.2	38.1	*	22.2	41.9	*
Congestive Heart Failure	41	9.8	19.2	*	24.4	29.2	*	29.3	36.9	*
Pneumonia/Influenza	28	32.1	24.9	*	39.3	34.2	*	50.0	40.9	*
Chronic Obstructive Pulmonary Disease	21	9.5	7.2	*	14.3	13.3	*	19.0	18.6	*
Transient Cerebral Ischemia	16	0.0	2.8	*	0.0	6.4	*	0.0	10.4	*
Stroke	30	10.0	30.1	*	23.3	37.3	*	23.3	42.2	*
Hip Fracture	15	13.3	7.1	*	13.3	12.3	*	13.3	15.8	*
Sepsis	6	50.0	39.7	*	50.0	53.1	*	50.0	61.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	6.8	*	0.0	11.6	*	0.0	15.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	6.9	*	0.0	12.7	*	0.0	16.4	*
Open Reduction of Hip Fracture	10	20.0	6.4	*	20.0	11.6	*	20.0	15.2	*
Prostatectomy	6	0.0	1.8	*	0.0	4.4	*	0.0	7.4	*
Cholecystectomy	21	0.0	3.3	*	0.0	5.7	*	0.0	7.2	*
Hysterectomy	11	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	174
Occupancy Rate	85
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	23
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	44
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST FRANCIS MEDICAL CENTER

Medicare Provider Number: 240029

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	615	8.9	9.9	1.9	14.1	15.3	2.2	17.6	19.4	2.9
CONDITIONS:										
Acute Myocardial Infarction	22	36.4	29.1	*	40.9	32.3	*	40.9	35.8	*
Congestive Heart Failure	28	14.3	20.0	*	28.6	29.5	*	42.9	37.1	*
Pneumonia/Influenza	39	23.1	23.5	*	28.2	30.6	*	28.2	35.8	*
Chronic Obstructive Pulmonary Disease	6	0.0	3.9	*	0.0	8.0	*	0.0	11.7	*
Transient Cerebral Ischemia	14	7.1	2.5	*	7.1	5.5	*	7.1	8.9	*
Stroke	27	25.9	24.9	*	37.0	31.7	*	40.7	36.6	*
Hip Fracture	22	13.6	9.7	*	22.7	17.6	*	27.3	22.6	*
Sepsis	6	16.7	24.8	*	16.7	33.0	*	16.7	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	5.4	*	0.0	11.1	*	0.0	15.4	*
Open Reduction of Hip Fracture	17	17.6	9.4	*	29.4	17.6	*	35.3	22.9	*
Prostatectomy	17	0.0	0.7	*	0.0	1.9	*	0.0	3.4	*
Cholecystectomy	15	0.0	2.4	*	0.0	4.6	*	0.0	6.6	*
Hysterectomy	11	0.0	0.9	*	0.0	1.8	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	583	10.6	10.7	1.8	15.1	16.3	2.9	18.9	20.6	3.1
CONDITIONS:										
Acute Myocardial Infarction	19	47.4	34.3	*	52.6	38.4	*	52.6	42.0	*
Congestive Heart Failure	39	20.5	18.1	*	33.3	27.6	*	38.5	35.2	*
Pneumonia/Influenza	41	24.4	21.9	*	31.7	28.9	*	34.1	34.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.6	*	0.0	12.0	*	0.0	16.5	*
Transient Cerebral Ischemia	13	7.7	3.4	*	7.7	7.8	*	7.7	12.6	*
Stroke	25	24.0	27.7	*	40.0	35.8	*	44.0	41.1	*
Hip Fracture	16	6.3	9.1	*	12.5	16.2	*	18.8	20.8	*
Sepsis	1	0.0	38.6	*	100.0	46.9	*	100.0	55.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	11.8	*	0.0	16.1	*	0.0	19.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.5	*	0.0	9.1	*	0.0	12.4	*
Open Reduction of Hip Fracture	13	7.7	8.7	*	15.4	16.2	*	23.1	21.2	*
Prostatectomy	12	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy	24	4.2	2.4	*	4.2	4.1	*	8.3	5.3	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST GABRIELS HOSPITAL

8th Ave and 2nd St SE
Little Falls, MN 56345

Medicare Provider Number: 240013

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	519	10.0	10.3	1.4	13.5	15.0	1.7	16.6	18.7	2.1
CONDITIONS:										
Acute Myocardial Infarction	23	21.7	32.7	*	21.7	36.2	*	21.7	39.9	*
Congestive Heart Failure	23	13.0	15.3	*	13.0	23.6	*	26.1	30.4	*
Pneumonia/Influenza	53	11.3	16.1	6.4	20.8	22.9	6.7	22.6	27.8	8.9
Chronic Obstructive Pulmonary Disease	7	14.3	5.0	*	28.6	9.2	*	28.6	12.9	*
Transient Cerebral Ischemia	7	0.0	1.5	*	0.0	3.3	*	28.6	5.4	*
Stroke	18	16.7	23.0	*	27.8	31.2	*	33.3	36.3	*
Hip Fracture	23	8.7	5.4	*	13.0	9.9	*	13.0	13.0	*
Sepsis	6	16.7	25.2	*	16.7	33.3	*	16.7	40.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.6	*	0.0	5.1	*	0.0	7.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	6.7	4.1	*	13.3	8.0	*	13.3	10.8	*
Open Reduction of Hip Fracture	13	7.7	4.8	*	7.7	9.2	*	7.7	12.3	*
Prostatectomy	23	0.0	0.9	*	0.0	2.4	*	0.0	4.1	*
Cholecystectomy	11	0.0	1.6	*	0.0	3.2	*	9.1	4.6	*
Hysterectomy	6	0.0	0.2	*	0.0	0.5	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	213
Occupancy Rate	80
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	19
Percent of Physicians Board Certified Specialists	95
Medical Residents/Interns	0
Registered Nurses	56
Licensed Practical Nurses	23

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST GABRIELS HOSPITAL

Medicare Provider Number: 240013

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	437	12.8	9.3	2.2	17.4	14.1	2.3	20.8	17.8	2.3
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	27.7	*	21.4	31.3	*	28.6	34.5	*
Congestive Heart Failure	24	8.3	14.6	*	20.8	22.9	*	20.8	30.0	*
Pneumonia/Influenza	30	16.7	17.2	*	23.3	23.4	*	33.3	28.2	*
Chronic Obstructive Pulmonary Disease	8	25.0	5.9	*	25.0	9.9	*	25.0	13.5	*
Transient Cerebral Ischemia	5	0.0	1.4	*	0.0	3.2	*	0.0	5.1	*
Stroke	15	33.3	19.3	*	40.0	26.5	*	53.3	31.6	*
Hip Fracture	12	8.3	5.0	*	8.3	9.6	*	16.7	12.7	*
Sepsis	12	16.7	24.6	*	25.0	32.5	*	41.7	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.8	*	0.0	4.0	*	0.0	6.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	2.1	*	0.0	4.4	*	0.0	6.4	*
Open Reduction of Hip Fracture	6	0.0	4.8	*	0.0	9.3	*	0.0	12.4	*
Prostatectomy	17	0.0	0.8	*	0.0	2.0	*	0.0	3.5	*
Cholecystectomy	7	0.0	1.2	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	5	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	489	13.7	10.4	2.2	19.0	15.6	2.5	22.1	19.6	2.6
CONDITIONS:										
Acute Myocardial Infarction	29	44.8	29.4	*	44.8	33.1	*	48.3	36.9	*
Congestive Heart Failure	22	22.7	14.4	*	27.3	23.0	*	31.8	30.1	*
Pneumonia/Influenza	49	20.4	16.0	*	32.7	22.5	*	34.7	27.7	*
Chronic Obstructive Pulmonary Disease	6	16.7	4.8	*	16.7	8.7	*	16.7	12.1	*
Transient Cerebral Ischemia	4	25.0	1.5	*	25.0	3.4	*	25.0	5.6	*
Stroke	24	41.7	16.9	*	45.8	22.8	*	45.8	27.2	*
Hip Fracture	16	0.0	5.7	*	6.3	11.1	*	6.3	15.1	*
Sepsis	5	0.0	24.5	*	0.0	34.2	*	0.0	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	8.5	*	16.7	14.8	*	16.7	19.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	0.0	3.3	*	7.7	6.5	*	7.7	8.9	*
Open Reduction of Hip Fracture	9	0.0	4.7	*	0.0	9.6	*	0.0	13.5	*
Prostatectomy	30	0.0	1.1	*	0.0	2.5	*	0.0	4.0	*
Cholecystectomy	11	0.0	1.0	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	3	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOHN'S REGIONAL HEALTH CENTER

1407 West Fourth Street
Red Wing, MN 55006

Medicare Provider Number: 240018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	734	10.5	9.4	1.4	14.4	13.9	1.4	16.6	17.4	1.5
CONDITIONS:										
Acute Myocardial Infarction	24	37.5	29.7	*	37.5	33.4	*	37.5	37.3	*
Congestive Heart Failure	39	12.8	13.3	*	23.1	21.1	*	28.2	27.7	*
Pneumonia/Influenza	43	9.3	17.0	*	14.0	23.0	*	16.3	27.9	*
Chronic Obstructive Pulmonary Disease	8	12.5	5.1	*	25.0	10.4	*	25.0	15.5	*
Transient Cerebral Ischemia	6	0.0	2.1	*	0.0	4.8	*	0.0	7.6	*
Stroke	31	35.5	21.9	*	41.9	28.2	*	48.4	32.8	*
Hip Fracture	38	5.3	5.2	*	10.5	9.4	*	10.5	12.4	*
Sepsis	6	16.7	32.8	*	16.7	41.2	*	16.7	48.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.9	*	0.0	4.1	*	0.0	6.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	41	2.4	2.1	*	4.9	4.1	*	4.9	6.0	*
Open Reduction of Hip Fracture	21	4.8	4.6	*	9.5	8.7	*	9.5	11.5	*
Prostatectomy	29	0.0	0.9	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy	9	0.0	1.0	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	7	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	84
Occupancy Rate	43
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	32
Percent of Physicians Board Certified Specialists	94
Medical Residents/Interns	0
Registered Nurses	39
Licensed Practical Nurses	43

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOHN'S REGIONAL HEALTH CENTER

Medicare Provider Number: 240018

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	614	11.4	9.4	1.6	16.0	13.9	1.8	18.7	17.3	1.9
CONDITIONS:										
Acute Myocardial Infarction	33	18.2	32.6	*	27.3	36.5	*	30.3	40.4	*
Congestive Heart Failure	39	17.9	16.1	*	25.6	24.6	*	35.9	31.5	*
Pneumonia/Influenza	32	15.6	18.5	*	21.9	24.4	*	28.1	29.0	*
Chronic Obstructive Pulmonary Disease	9	0.0	8.6	*	22.2	15.4	*	22.2	21.4	*
Transient Cerebral Ischemia	4	0.0	2.2	*	0.0	5.2	*	0.0	8.3	*
Stroke	33	33.3	21.4	*	36.4	28.0	*	42.4	32.9	*
Hip Fracture	24	8.3	7.2	*	12.5	13.0	*	12.5	16.7	*
Sepsis	1	0.0	24.8	*	0.0	36.8	*	0.0	47.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	12.9	*	0.0	17.5	*	0.0	20.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	29	6.9	2.9	*	13.8	5.7	*	13.8	7.9	*
Open Reduction of Hip Fracture	12	8.3	6.6	*	8.3	12.6	*	8.3	16.6	*
Prostatectomy	18	0.0	0.4	*	5.6	1.0	*	5.6	1.6	*
Cholecystectomy	16	6.3	1.7	*	6.3	3.3	*	6.3	4.5	*
Hysterectomy	5	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	639	10.6	9.8	1.3	13.6	14.2	1.5	16.7	17.8	1.6
CONDITIONS:										
Acute Myocardial Infarction	26	34.6	32.5	*	38.5	36.5	*	42.3	40.5	*
Congestive Heart Failure	29	13.8	15.3	*	20.7	23.4	*	24.1	30.6	*
Pneumonia/Influenza	33	30.3	22.8	*	30.3	30.0	*	39.4	35.6	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.9	*	0.0	15.3	*	20.0	20.6	*
Transient Cerebral Ischemia	13	0.0	2.0	*	0.0	4.4	*	7.7	6.9	*
Stroke	32	21.9	24.1	*	25.0	31.1	*	28.1	36.3	*
Hip Fracture	22	18.2	12.3	*	18.2	20.8	*	18.2	25.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.6	*	0.0	6.5	*	0.0	10.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	23	4.3	4.3	*	4.3	7.8	*	4.3	10.1	*
Open Reduction of Hip Fracture	11	27.3	12.2	*	27.3	21.2	*	27.3	26.2	*
Prostatectomy	31	0.0	1.2	*	3.2	3.0	*	6.5	5.1	*
Cholecystectomy	14	0.0	4.3	*	7.1	8.4	*	7.1	11.6	*
Hysterectomy	8	0.0	0.7	*	0.0	1.7	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOHNS NE COMMUNITY HOSPITAL

1575 Beam Avenue
Maplewood, MN 55109

Medicare Provider Number: 240210

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,230	9.6	8.5	1.7	14.7	12.9	2.8	18.3	16.4	3.0
CONDITIONS:										
Acute Myocardial Infarction	47	31.9	25.1	*	40.4	28.3	*	46.8	31.6	*
Congestive Heart Failure	67	11.9	15.5	5.8	25.4	24.1	7.6	32.8	31.0	5.8
Pneumonia/Influenza	39	20.5	17.1	*	23.1	23.0	*	25.6	27.6	*
Chronic Obstructive Pulmonary Disease	17	0.0	7.8	*	23.5	13.0	*	29.4	17.6	*
Transient Cerebral Ischemia	26	7.7	1.5	*	7.7	3.0	*	11.5	4.7	*
Stroke	40	22.5	20.5	*	27.5	26.4	*	32.5	30.6	*
Hip Fracture	39	2.6	6.2	*	5.1	11.1	*	7.7	14.5	*
Sepsis	12	25.0	22.7	*	33.3	31.2	*	33.3	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.1	*	0.0	6.5	*	0.0	9.8	*
Carotid Endarterectomy	5	0.0	1.6	*	0.0	3.3	*	0.0	4.7	*
Hip Replacement/Reconstruction	27	3.7	2.8	*	7.4	5.1	*	7.4	6.8	*
Open Reduction of Hip Fracture	14	0.0	5.4	*	0.0	10.0	*	0.0	13.2	*
Prostatectomy	61	0.0	0.7	1.3	1.6	1.7	1.7	3.3	3.0	2.2
Cholecystectomy	35	5.7	2.7	*	8.6	4.8	*	11.4	6.2	*
Hysterectomy	17	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	130
Occupancy Rate	89
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	563
Percent of Physicians Board Certified Specialists	40
Medical Residents/Interns	5
Registered Nurses	197
Licensed Practical Nurses	31

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOHNS NE COMMUNITY HOSPITAL

Medicare Provider Number: 240210

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,224	11.7	9.4	1.3	16.3	14.1	1.4	20.2	17.8	1.5
CONDITIONS:										
Acute Myocardial Infarction	55	36.4	25.0	8.7	41.8	28.0	9.9	45.5	31.2	10.9
Congestive Heart Failure	69	21.7	15.3	6.4	29.0	23.1	6.9	37.7	29.6	8.4
Pneumonia/Influenza	50	18.0	18.4	*	24.0	24.5	*	34.0	29.3	*
Chronic Obstructive Pulmonary Disease	11	0.0	7.1	*	18.2	12.2	*	18.2	16.8	*
Transient Cerebral Ischemia	19	0.0	2.1	*	10.5	4.6	*	15.8	7.3	*
Stroke	47	23.4	23.3	*	34.0	29.7	*	36.2	34.3	*
Hip Fracture	42	7.1	7.1	*	9.5	12.7	*	16.7	16.3	*
Sepsis	19	21.1	22.4	*	36.8	30.4	*	42.1	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	14.3	3.5	*	14.3	6.5	*	14.3	9.2	*
Carotid Endarterectomy	2	0.0	1.6	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	34	0.0	3.4	*	0.0	6.5	*	2.9	8.4	*
Open Reduction of Hip Fracture	12	16.7	6.6	*	25.0	12.5	*	33.3	16.4	*
Prostatectomy	46	2.2	0.8	*	2.2	1.9	*	6.5	3.2	*
Cholecystectomy	22	4.5	2.7	*	9.1	4.5	*	9.1	5.6	*
Hysterectomy	15	0.0	1.5	*	0.0	3.2	*	0.0	4.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	688	8.4	9.0	1.4	13.8	13.3	1.4	16.7	16.8	1.5
CONDITIONS:										
Acute Myocardial Infarction	23	26.1	25.4	*	26.1	28.5	*	26.1	32.0	*
Congestive Heart Failure	48	10.4	18.1	*	16.7	26.5	*	22.9	33.4	*
Pneumonia/Influenza	30	6.7	16.5	*	16.7	22.6	*	23.3	27.6	*
Chronic Obstructive Pulmonary Disease	15	13.3	10.0	*	20.0	16.3	*	33.3	21.1	*
Transient Cerebral Ischemia	10	0.0	1.2	*	0.0	2.6	*	0.0	4.2	*
Stroke	28	21.4	18.6	*	25.0	25.2	*	28.6	29.8	*
Hip Fracture	20	5.0	6.6	*	15.0	11.9	*	15.0	15.7	*
Sepsis	7	0.0	26.8	*	0.0	35.6	*	0.0	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	5.5	*	0.0	11.5	*	0.0	16.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	8.0	2.1	*	8.0	4.2	*	8.0	5.9	*
Open Reduction of Hip Fracture	5	0.0	7.9	*	20.0	14.2	*	20.0	18.0	*
Prostatectomy	32	0.0	0.6	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy	17	5.9	2.3	*	5.9	4.0	*	5.9	5.0	*
Hysterectomy	10	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPHS HOSPITAL

600 Pleasant Ave
Park Rapids, MN 56470

Medicare Provider Number: 240016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	606	12.7	13.4	1.6	19.0	19.6	1.8	22.3	24.4	2.1
CONDITIONS:										
Acute Myocardial Infarction	33	30.3	30.8	*	33.3	34.5	*	36.4	38.3	*
Congestive Heart Failure	46	15.2	16.3	*	30.4	24.6	*	32.6	31.3	*
Pneumonia/Influenza	67	19.4	18.0	5.1	28.4	24.4	7.6	32.8	29.5	7.2
Chronic Obstructive Pulmonary Disease	3	0.0	7.9	*	0.0	14.3	*	0.0	19.9	*
Transient Cerebral Ischemia	8	0.0	1.8	*	0.0	3.8	*	0.0	6.0	*
Stroke	26	15.4	21.5	*	19.2	28.1	*	23.1	32.8	*
Hip Fracture	10	0.0	8.2	*	0.0	14.8	*	10.0	19.2	*
Sepsis	18	27.8	31.5	*	33.3	41.1	*	33.3	49.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	20.0	8.8	*	26.7	14.4	*	26.7	18.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	8.1	*	0.0	15.5	*	16.7	20.7	*
Open Reduction of Hip Fracture	4	0.0	6.7	*	0.0	12.0	*	0.0	15.2	*
Prostatectomy	17	0.0	1.4	*	0.0	3.6	*	0.0	6.1	*
Cholecystectomy	19	10.5	8.4	*	15.8	14.9	*	21.1	18.4	*
Hysterectomy	7	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	38
Occupancy Rate	58
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	37
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS HOSPITAL

Medicare Provider Number: 240016

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	563	12.1	13.0	1.6	17.1	18.8	1.8	19.4	23.3	2.4
CONDITIONS:										
Acute Myocardial Infarction	30	30.0	31.4	*	33.3	34.6	*	40.0	38.3	*
Congestive Heart Failure	23	13.0	14.8	*	26.1	22.2	*	26.1	28.7	*
Pneumonia/Influenza	89	16.9	19.0	6.5	20.2	25.4	7.5	20.2	30.4	9.7
Chronic Obstructive Pulmonary Disease	3	0.0	6.5	*	0.0	10.7	*	0.0	14.6	*
Transient Cerebral Ischemia	15	0.0	2.6	*	6.7	5.7	*	6.7	9.1	*
Stroke	13	7.7	24.2	*	15.4	31.0	*	15.4	36.2	*
Hip Fracture	17	11.8	6.9	*	17.6	13.3	*	17.6	17.8	*
Sepsis	15	6.7	28.5	*	6.7	36.5	*	13.3	43.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	8.0	*	33.3	14.2	*	33.3	18.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	6.3	*	9.1	12.6	*	9.1	16.9	*
Open Reduction of Hip Fracture	6	16.7	6.3	*	33.3	12.6	*	33.3	17.3	*
Prostatectomy	11	0.0	1.1	*	0.0	2.8	*	0.0	4.7	*
Cholecystectomy	13	0.0	3.9	*	0.0	6.7	*	0.0	8.6	*
Hysterectomy	8	0.0	0.9	*	0.0	1.8	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	487	11.5	12.7	2.7	18.3	18.6	3.0	22.0	23.3	2.4
CONDITIONS:										
Acute Myocardial Infarction	28	35.7	33.5	*	42.9	37.3	*	42.9	41.6	*
Congestive Heart Failure	39	17.9	16.0	*	30.8	24.3	*	35.9	31.4	*
Pneumonia/Influenza	63	12.7	17.1	7.4	19.0	23.2	8.3	22.2	28.4	10.2
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	9	0.0	3.4	*	11.1	7.7	*	22.2	12.1	*
Stroke	13	15.4	25.1	*	30.8	32.1	*	38.5	37.7	*
Hip Fracture	18	11.1	8.0	*	22.2	14.5	*	27.8	18.9	*
Sepsis	12	33.3	34.0	*	66.7	44.1	*	66.7	51.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	7.7	*	22.2	11.5	*	33.3	14.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	16.7	8.5	*	33.3	15.8	*	41.7	20.7	*
Open Reduction of Hip Fracture	6	0.0	5.2	*	0.0	9.7	*	0.0	13.0	*
Prostatectomy	15	0.0	1.8	*	6.7	4.4	*	6.7	7.1	*
Cholecystectomy	16	0.0	3.3	*	0.0	5.1	*	6.3	6.4	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPHS HOSPITAL

69 West Exchange Street
St Paul, MN 55102

Medicare Provider Number: 240063

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,103	10.3	8.4	1.0	15.8	13.1	1.6	18.7	16.7	1.1
CONDITIONS:										
Acute Myocardial Infarction	55	40.0	28.3	12.6	43.6	31.4	13.0	45.5	34.6	12.9
Congestive Heart Failure	108	13.0	14.7	5.3	21.3	22.9	7.1	28.7	29.4	5.5
Pneumonia/Influenza	72	12.5	18.1	8.1	22.2	24.4	6.6	25.0	29.1	6.6
Chronic Obstructive Pulmonary Disease	26	15.4	10.2	*	26.9	18.0	*	26.9	24.2	*
Transient Cerebral Ischemia	31	0.0	1.7	*	0.0	3.6	*	3.2	5.7	*
Stroke	77	18.2	20.4	5.0	26.0	26.8	5.1	31.2	31.3	5.3
Hip Fracture	46	4.3	6.9	*	8.7	12.5	*	13.0	16.3	*
Sepsis	17	52.9	24.6	*	58.8	32.6	*	58.8	38.6	*
PROCEDURES:										
Angioplasty	17	0.0	2.6	*	0.0	3.4	*	0.0	4.3	*
Coronary Artery Bypass Graft	25	4.0	7.0	*	12.0	9.7	*	16.0	11.1	*
Initial Pacemaker Insertion	16	0.0	4.6	*	12.5	7.5	*	12.5	10.1	*
Carotid Endarterectomy	5	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	71	1.4	3.3	2.7	4.2	6.0	4.3	4.2	8.1	4.9
Open Reduction of Hip Fracture	17	5.9	5.8	*	11.8	11.0	*	23.5	14.7	*
Prostatectomy	70	0.0	0.7	2.1	4.3	1.7	2.9	4.3	2.9	3.3
Cholecystectomy	47	10.6	3.9	*	17.0	7.6	*	19.1	10.6	*
Hysterectomy	16	6.3	0.6	*	6.3	1.4	*	12.5	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds	401
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	4
Registered Nurses	324
Licensed Practical Nurses	64

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	Yes
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	Yes

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS HOSPITAL

Medicare Provider Number: 240063

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,320	11.4	8.1	0.8	16.1	12.6	1.0	19.5	16.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	41	31.7	26.8	*	31.7	29.8	*	36.6	33.0	*
Congestive Heart Failure	44	6.8	11.9	*	15.9	18.7	*	27.3	24.6	*
Pneumonia/Influenza	36	36.1	19.6	*	41.7	26.5	*	47.2	31.8	*
Chronic Obstructive Pulmonary Disease	9	33.3	16.3	*	33.3	27.6	*	44.4	35.9	*
Transient Cerebral Ischemia	13	0.0	1.7	*	0.0	3.7	*	7.7	5.8	*
Stroke	38	42.1	24.6	*	44.7	30.6	*	47.4	35.1	*
Hip Fracture	36	2.8	6.1	*	13.9	11.6	*	16.7	15.2	*
Sepsis	7	0.0	19.8	*	0.0	26.7	*	14.3	32.5	*
PROCEDURE:										
Angioplasty	15	0.0	4.0	*	0.0	4.8	*	0.0	5.7	*
Coronary Artery Bypass Graft	20	5.0	5.6	*	5.0	7.2	*	5.0	8.3	*
Initial Pacemaker Insertion	8	0.0	3.3	*	0.0	5.7	*	0.0	8.1	*
Carotid Endarterectomy	2	0.0	0.8	*	0.0	1.5	*	0.0	2.1	*
Hip Replacement/Reconstruction	39	2.6	1.9	*	5.1	3.7	*	7.7	5.1	*
Open Reduction of Hip Fracture	19	0.0	5.8	*	15.8	11.3	*	15.8	15.2	*
Prostatectomy	41	0.0	1.0	*	0.0	2.7	*	0.0	4.6	*
Cholecystectomy	27	0.0	2.5	*	0.0	4.8	*	0.0	6.6	*
Hysterectomy	10	0.0	4.7	*	0.0	8.8	*	0.0	11.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,293	9.4	7.3	0.9	15.3	11.8	1.4	18.6	15.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	28	35.7	29.0	*	39.3	32.3	*	39.3	35.7	*
Congestive Heart Failure	50	2.0	13.8	*	18.0	21.3	*	28.0	27.8	*
Pneumonia/Influenza	33	24.2	17.0	*	27.3	23.2	*	30.3	27.8	*
Chronic Obstructive Pulmonary Disease	7	42.9	8.3	*	42.9	14.5	*	71.4	19.2	*
Transient Cerebral Ischemia	18	5.6	2.3	*	5.6	5.1	*	5.6	8.1	*
Stroke	31	22.6	17.5	*	32.3	23.6	*	32.3	27.9	*
Hip Fracture	32	0.0	5.3	*	3.1	10.1	*	6.3	13.4	*
Sepsis	11	18.2	17.3	*	36.4	24.4	*	36.4	30.4	*
PROCEDURES:										
Angioplasty	8	12.5	5.7	*	12.5	6.3	*	12.5	7.2	*
Coronary Artery Bypass Graft	12	0.0	5.0	*	0.0	6.5	*	8.3	7.4	*
Initial Pacemaker Insertion	14	0.0	3.9	*	0.0	7.5	*	14.3	10.4	*
Carotid Endarterectomy	3	0.0	1.0	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction	47	0.0	1.8	*	2.1	3.6	*	6.4	5.0	*
Open Reduction of Hip Fracture	18	0.0	4.8	*	0.0	9.8	*	0.0	13.5	*
Prostatectomy	53	0.0	0.7	2.8	3.8	1.8	2.5	3.8	3.0	3.1
Cholecystectomy	21	0.0	3.7	*	4.8	7.2	*	4.8	9.6	*
Hysterectomy	12	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPHS MEDICAL CENTER

523 North 3rd Street
Brainerd, MN 56401

Medicare Provider Number: 240075

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,594	8.2	9.1	0.8	12.1	13.7	1.1	15.4	17.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	81	30.9	26.4	7.1	33.3	29.8	6.4	35.8	33.3	6.0
Congestive Heart Failure	74	12.2	15.5	8.1	14.9	23.4	9.7	25.7	29.9	8.7
Pneumonia/Influenza	70	10.0	19.5	7.9	20.0	26.3	7.0	24.3	31.6	7.7
Chronic Obstructive Pulmonary Disease	26	0.0	7.9	*	15.4	14.9	*	19.2	20.7	*
Transient Cerebral Ischemia	28	3.6	2.1	*	3.6	4.5	*	7.1	7.2	*
Stroke	59	22.0	23.3	7.3	25.4	29.9	7.9	35.6	34.7	6.6
Hip Fracture	56	7.1	7.6	4.2	14.3	13.1	4.6	16.1	16.6	5.2
Sepsis	20	25.0	24.4	*	35.0	32.6	*	35.0	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	12.5	6.2	*	18.8	10.9	*	25.0	14.6	*
Carotid Endarterectomy	1	0.0	1.1	*	0.0	1.9	*	0.0	2.9	*
Hip Replacement/Reconstruction	53	5.7	2.5	3.5	7.5	4.9	3.7	7.5	6.8	4.3
Open Reduction of Hip Fracture	37	5.4	7.4	*	13.5	13.3	*	16.2	17.0	*
Prostatectomy	55	0.0	0.9	1.7	3.6	2.3	2.3	3.6	4.0	2.8
Cholecystectomy	20	10.0	2.9	*	10.0	5.4	*	10.0	6.9	*
Hysterectomy	19	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	162
Occupancy Rate	57
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	56
Percent of Physicians Board Certified Specialists	91
Medical Residents/Interns	0
Registered Nurses	106
Licensed Practical Nurses	41

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS MEDICAL CENTER

Medicare Provider Number: 240075

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,613	8.5	8.8	1.1	12.0	13.3	1.3	15.1	16.9	1.6
CONDITIONS:										
Acute Myocardial Infarction	68	20.6	27.0	6.4	23.5	30.7	6.5	25.0	34.6	8.0
Congestive Heart Failure	88	12.5	17.1	5.6	21.6	26.3	5.7	34.1	33.6	5.0
Pneumonia/Influenza	74	20.3	24.4	10.3	27.0	32.3	9.2	35.1	38.2	7.0
Chronic Obstructive Pulmonary Disease	27	7.4	5.9	*	11.1	11.6	*	18.5	16.8	*
Transient Cerebral Ischemia	37	0.0	2.2	*	2.7	4.8	*	2.7	7.6	*
Stroke	51	21.6	26.4	7.4	29.4	33.2	7.2	29.4	38.3	9.4
Hip Fracture	54	11.1	8.2	4.9	14.8	14.8	4.9	18.5	18.9	5.4
Sepsis	18	27.8	28.4	*	27.8	37.7	*	27.8	45.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	5.0	4.9	*	5.0	8.4	*	5.0	11.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	50	14.0	4.1	*	14.0	7.9	*	18.0	10.5	*
Open Reduction of Hip Fracture	28	10.7	8.0	*	17.9	14.8	*	17.9	18.9	*
Prostatectomy	64	0.0	0.7	1.2	0.0	1.8	2.2	1.6	3.0	2.6
Cholecystectomy	32	6.3	3.0	*	6.3	5.7	*	6.3	7.5	*
Hysterectomy	12	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,457	9.1	9.3	0.8	13.0	13.8	1.1	15.9	17.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	86	25.6	27.6	5.5	29.1	31.6	6.0	33.7	35.5	6.4
Congestive Heart Failure	77	14.3	18.6	6.5	23.4	27.8	8.2	28.6	35.1	10.4
Pneumonia/Influenza	92	13.0	20.4	5.8	22.8	27.4	7.1	23.9	32.9	7.6
Chronic Obstructive Pulmonary Disease	26	23.1	7.8	*	26.9	14.3	*	26.9	19.6	*
Transient Cerebral Ischemia	32	0.0	2.5	*	0.0	5.6	*	3.1	8.8	*
Stroke	55	21.8	23.7	7.4	27.3	30.4	6.6	29.1	35.2	7.6
Hip Fracture	44	9.1	8.6	*	11.4	15.6	*	11.4	20.1	*
Sepsis	22	22.7	27.7	*	36.4	37.9	*	45.5	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	6.0	*	6.7	9.7	*	6.7	13.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	37	5.4	2.9	*	5.4	5.7	*	8.1	7.7	*
Open Reduction of Hip Fracture	28	7.1	8.2	*	10.7	15.5	*	10.7	20.3	*
Prostatectomy	54	1.9	0.9	1.8	3.7	2.4	3.3	7.4	4.1	4.2
Cholecystectomy	18	0.0	2.2	*	0.0	4.3	*	0.0	6.0	*
Hysterectomy	11	0.0	0.8	*	0.0	1.8	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

257.1

St. Joseph's
MEDICAL CENTER

MEMBER BENEDICTINE HEALTH SYSTEM

523 North 3rd St
Brainerd, Minnesota
56401-3098

218-829-2861
FAX 218-828-310

Medicare Provider # 240075

December 12, 1990

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

We again appreciate the opportunity to comment and review the 1989 statistics regarding HCFA's Mortality Study. It would appear that more sophistication has been incorporated in the manner of review and in compiling statistics. We note that there is an attempt this year to quantify severity of disease with ICD-9 coding case mix data. Such estimations of severity, although better than the previous methods, in our estimation, still have some inherent weaknesses. We do feel that your current methods of reporting with standard deviations is an improvement, however.

We are unsure of the value of using mortality rates at 90 and 180 days post-discharge. We find these numbers less useful than those relating to in-hospital deaths and those within 30 days of discharge. We note that the average age of HCFA patients that die in our institution or within 30 days is 79, as calculated for years 1989 and early 1990. These patients continue to be older with multiple co-morbidities.

We do note that for fiscal year 1989 our overall observed mortality is more than one standard deviation below the level that you have predicted for us. Within the limits of the current statistical and case mixing analysis, we feel this represents quality care on our part. We do have concerns that the method continually needs fine-tuning to reflect the severity of illness due to the older and sicker nature of our patients. We are also anticipating more terminal cancer patients with the recent growth of full-time oncology in our community. We would hope that future analyses would take the severity of illness of these patients into account.

Medicare Provider # 240075

Health Care Financing Administration
December 12, 1990
Page 2

Again, we appreciate the opportunity to review and comment on such data prior to publication.

Sincerely,

Nicholas P. Bernier, M.D.
Medical Director

NPB:tad

ST LUKES HOSPITAL

915 E 1st St
Duluth, MN 55805

Medicare Provider Number: 240047

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS			90 DAYS OBS			180 DAYS OBS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,128	9.1	8.6	0.7	13.3	12.7	0.8	16.4	16.0	0.8
CONDITIONS:										
Acute Myocardial Infarction	79	24.1	28.9	9.7	29.1	32.4	10.4	31.6	36.0	9.5
Congestive Heart Failure	82	15.9	16.5	4.2	23.2	25.0	5.5	28.0	31.8	8.2
Pneumonia/Influenza	69	24.6	18.5	5.8	30.4	25.0	6.1	36.2	30.0	6.7
Chronic Obstructive Pulmonary Disease	13	0.0	9.2	*	0.0	14.9	*	7.7	20.1	*
Transient Cerebral Ischemia	19	5.3	1.7	*	5.3	3.7	*	10.5	5.8	*
Stroke	98	30.6	25.3	8.8	38.8	31.5	9.0	40.8	36.0	7.6
Hip Fracture	82	2.4	7.0	3.6	9.8	12.2	4.5	13.4	15.6	4.5
Sepsis	14	42.9	28.3	*	50.0	36.2	*	57.1	42.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	6.2	*	7.7	11.1	*	7.7	15.7	*
Carotid Endarterectomy	10	10.0	1.3	*	10.0	2.3	*	10.0	3.4	*
Hip Replacement/Reconstruction	77	2.6	3.1	2.2	2.6	5.5	3.5	2.6	7.1	4.3
Open Reduction of Hip Fracture	32	0.0	6.2	*	12.5	11.5	*	18.8	15.0	*
Prostatectomy	91	0.0	0.8	1.4	3.3	1.9	1.9	3.3	3.3	1.9
Cholecystectomy	40	0.0	2.7	*	2.5	4.8	*	2.5	6.1	*
Hysterectomy	19	5.3	1.0	*	5.3	2.2	*	10.5	3.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	220
Occupancy Rate	57
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	244
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	0
Registered Nurses	203
Licensed Practical Nurses	48

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST LUKES HOSPITAL

Medicare Provider Number: 240047

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,714	8.6	8.6	0.9	13.9	13.0	1.2	17.4	16.4	1.7
CONDITIONS:										
Acute Myocardial Infarction	44	25.0	28.6	*	31.8	31.7	*	34.1	35.1	*
Congestive Heart Failure	54	16.7	14.9	5.4	31.5	23.0	9.6	37.0	29.7	9.7
Pneumonia/Influenza	56	23.2	20.1	6.0	30.4	26.7	6.2	37.5	31.9	6.9
Chronic Obstructive Pulmonary Disease	8	0.0	7.8	*	12.5	13.2	*	25.0	18.4	*
Transient Cerebral Ischemia	18	0.0	2.4	*	0.0	5.7	*	0.0	9.3	*
Stroke	70	15.7	25.3	8.2	24.3	31.0	7.5	28.6	35.4	6.9
Hip Fracture	55	3.6	5.4	4.0	7.3	10.1	5.4	12.7	13.2	4.7
Sepsis	6	50.0	27.8	*	50.0	32.5	*	50.0	37.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	3.9	*	25.0	6.5	*	25.0	9.2	*
Carotid Endarterectomy	5	0.0	1.5	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	68	1.5	2.2	2.3	2.9	4.3	2.7	5.9	5.7	2.8
Open Reduction of Hip Fracture	23	4.3	4.6	*	8.7	9.0	*	13.0	12.0	*
Prostatectomy	68	1.5	1.0	2.2	2.9	2.6	3.2	5.9	4.4	3.5
Cholecystectomy	31	0.0	2.7	*	3.2	4.9	*	6.5	6.4	*
Hysterectomy	14	0.0	0.7	*	0.0	1.7	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,766	9.3	8.1	0.9	13.6	12.5	1.1	16.8	16.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	31	54.8	32.7	*	54.8	36.5	*	58.1	40.7	*
Congestive Heart Failure	61	23.0	15.7	5.9	27.9	23.6	6.0	37.7	30.3	6.8
Pneumonia/Influenza	58	19.0	17.6	5.1	32.8	23.8	7.6	36.2	28.9	8.2
Chronic Obstructive Pulmonary Disease	12	0.0	5.9	*	0.0	9.9	*	0.0	13.6	*
Transient Cerebral Ischemia	24	4.2	2.1	*	4.2	4.7	*	8.3	7.6	*
Stroke	70	18.6	22.6	6.1	25.7	29.1	8.7	27.1	33.8	9.3
Hip Fracture	81	8.6	5.8	3.7	13.6	10.7	5.1	16.0	14.1	5.0
Sepsis	12	50.0	26.9	*	58.3	35.9	*	58.3	43.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	2.9	*	11.1	6.0	*	11.1	9.0	*
Carotid Endarterectomy	7	0.0	1.7	*	0.0	3.1	*	0.0	4.5	*
Hip Replacement/Reconstruction	82	2.4	2.9	2.8	6.1	5.7	3.8	7.3	7.8	3.0
Open Reduction of Hip Fracture	22	13.6	5.7	*	18.2	11.1	*	18.2	14.8	*
Prostatectomy	84	0.0	1.0	1.3	1.2	2.4	1.9	2.4	4.1	2.9
Cholecystectomy	26	3.8	3.0	*	3.8	5.0	*	3.8	6.3	*
Hysterectomy	12	0.0	0.6	*	0.0	1.1	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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St. Luke's
HOSPITAL OF DULUTH

915 East First Street
Duluth, MN 55805
218/726-5555

January 15, 1991

Health Care Financing Administration
Health Standards & Quality Bureau
ATTN: Mrs. Sandra K. Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

Provider #24-00-47

Dear Mrs. Kappert:

We have reviewed the mortality data for Medicare patients treated at St. Luke's Hospital during 1987, 1988 and 1989 and are pleased with the favorable results. Although we feel that your data, by itself, cannot be used by consumers to make healthcare quality judgments, your data, together with the very positive review we recently received from JCAHO and other internal quality assurance mechanisms indicate a high quality of health care delivery at St. Luke's.

We are pleased that the methodology for calculating the predicted mortality rates has improved. However, it still does not precisely account for severity of patients' illnesses.

St. Luke's has implemented Medisgroups, a state-of-the-art severity and patient outcome measurement system. Medisgroups features a national comparative database that includes severity-adjusted mortality data. We have compared St. Luke's mortality rates with the Medisgroup's national mortality rates and found that our mortality rates compare favorably with the national rates for each category of condition and procedure.

Thank you for providing us with this information and the opportunity to review it.

Sincerely,

Timothy G. Eckert

Timothy G. Eckert
VP Finance/CFO

TGE/pd
cc: P. Alioto, President/CEO

ST MARYS HOSPITAL

1216 2nd St SW
Rochester, MN 55902

Medicare Provider Number: 240010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	7,641	4.4	5.2	0.3	7.1	8.5	0.3	9.3	11.1	0.4
CONDITIONS:										
Acute Myocardial Infarction	174	20.1	19.1	3.1	23.0	22.4	3.7	24.7	25.3	3.5
Congestive Heart Failure	156	11.5	14.0	4.5	17.9	22.8	6.4	27.6	29.5	5.1
Pneumonia/Influenza	93	15.1	14.8	3.7	21.5	21.2	4.4	26.9	25.6	5.6
Chronic Obstructive Pulmonary Disease	36	8.3	5.7	*	11.1	10.2	*	19.4	14.1	*
Transient Cerebral Ischemia	116	2.6	1.4	1.7	3.4	2.8	1.7	4.3	4.3	1.9
Stroke	229	12.7	16.4	2.9	15.7	23.3	3.9	18.8	27.8	4.3
Hip Fracture	113	7.1	3.9	3.9	12.4	7.4	4.6	14.2	10.0	4.7
Sepsis	30	16.7	20.0	*	23.3	27.0	*	23.3	32.4	*
PROCEDURES:										
Angioplasty	257	7.8	3.6	1.8	7.8	4.8	1.6	8.6	5.9	1.7
Coronary Artery Bypass Graft	348	4.6	6.1	1.6	5.7	8.8	2.1	6.0	10.3	2.4
Initial Pacemaker Insertion	87	3.4	3.0	2.2	5.7	5.7	2.5	8.0	8.2	3.0
Carotid Endarterectomy	83	1.2	1.5	2.1	1.2	2.7	2.8	1.2	3.8	3.3
Hip Replacement/Reconstruction	327	0.9	1.3	0.8	2.4	2.5	0.9	3.4	3.6	1.1
Open Reduction of Hip Fracture	30	16.7	3.8	*	20.0	7.7	*	20.0	10.5	*
Prostatectomy	263	0.4	0.9	0.7	1.1	2.2	1.4	1.5	3.7	1.9
Cholecystectomy	97	0.0	2.7	*	0.0	5.3	*	0.0	7.4	*
Hysterectomy	77	1.3	1.1	1.2	2.6	2.4	1.8	3.9	3.6	2.1

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	938
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	1,067
Percent of Physicians Board Certified Specialists	85
Medical Residents/Interns	0
Registered Nurses	939
Licensed Practical Nurses	297

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL

Medicare Provider Number: 240010

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	7,465	4.4	5.3	0.3	7.3	8.5	0.5	9.2	11.2	0.4
CONDITIONS:										
Acute Myocardial Infarction	146	21.9	23.9	4.8	25.3	27.6	5.7	27.4	31.0	6.6
Congestive Heart Failure	86	14.0	15.3	4.3	25.6	24.1	4.8	30.2	31.3	5.4
Pneumonia/Influenza	91	22.0	15.1	6.5	26.4	21.6	5.9	31.9	26.6	5.9
Chronic Obstructive Pulmonary Disease	45	2.2	5.9	*	11.1	10.9	*	13.3	15.5	*
Transient Cerebral Ischemia	139	1.4	1.7	1.5	3.6	3.5	1.7	3.6	5.4	2.3
Stroke	195	13.8	18.1	3.1	17.4	24.3	4.0	19.0	28.8	4.6
Hip Fracture	87	10.3	3.9	3.5	14.9	7.8	4.7	17.2	10.7	5.2
Sepsis	29	24.1	20.9	*	31.0	29.7	*	31.0	36.7	*
PROCEDURES:										
Angioplasty	215	1.9	3.3	1.5	4.2	4.2	1.4	4.7	5.2	1.5
Coronary Artery Bypass Graft	399	8.5	7.3	2.4	11.5	10.3	1.9	13.5	12.0	2.1
Initial Pacemaker Insertion	103	2.9	3.0	1.7	3.9	5.2	2.9	4.9	7.4	4.7
Carotid Endarterectomy	68	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction	290	1.7	1.3	0.7	2.4	2.5	0.9	2.8	3.6	1.3
Open Reduction of Hip Fracture	29	13.8	3.3	*	20.7	7.1	*	24.1	10.1	*
Prostatectomy	227	0.9	0.9	0.7	1.3	2.3	1.5	2.2	3.8	2.5
Cholecystectomy	95	0.0	2.4	2.5	4.2	4.7	2.7	4.2	6.3	3.1
Hysterectomy	118	0.0	1.1	1.4	0.0	2.2	2.4	1.7	3.3	2.2

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	7,182	4.4	5.7	0.4	6.9	9.2	0.4	9.2	12.0	0.5
CONDITIONS:										
Acute Myocardial Infarction	113	26.5	26.3	4.2	28.3	30.0	4.5	30.1	33.7	5.3
Congestive Heart Failure	95	10.5	16.4	5.6	22.1	25.6	5.3	29.5	32.8	5.2
Pneumonia/Influenza	64	14.1	16.0	4.7	18.8	22.5	6.5	20.3	27.5	7.9
Chronic Obstructive Pulmonary Disease	31	6.5	9.7	*	12.9	16.4	*	19.4	21.8	*
Transient Cerebral Ischemia	127	1.6	1.8	1.2	2.4	3.7	2.0	2.4	5.6	3.3
Stroke	202	21.3	20.5	3.2	26.2	27.3	3.2	28.2	32.0	3.9
Hip Fracture	98	8.2	5.3	4.3	13.3	9.8	5.1	15.3	13.1	5.1
Sepsis	13	23.1	21.6	*	23.1	30.3	*	23.1	36.1	*
PROCEDURES:										
Angioplasty	139	5.8	4.4	2.1	6.5	5.7	2.5	7.9	7.0	2.5
Coronary Artery Bypass Graft	331	6.3	7.6	1.9	9.4	10.5	3.0	10.0	12.0	2.9
Initial Pacemaker Insertion	108	1.9	2.9	2.0	3.7	5.5	2.6	8.3	7.9	2.7
Carotid Endarterectomy	64	1.6	1.7	1.6	3.1	3.2	2.3	6.3	4.7	3.4
Hip Replacement/Reconstruction	274	1.5	1.7	1.1	2.6	3.3	1.5	3.6	4.5	1.8
Open Reduction of Hip Fracture	29	3.4	4.1	*	6.9	8.2	*	10.3	11.4	*
Prostatectomy	179	1.1	0.9	0.7	1.1	2.1	1.4	2.2	3.6	1.7
Cholecystectomy	109	0.9	3.7	2.3	3.7	7.7	3.4	6.4	10.9	4.0
Hysterectomy	120	1.7	0.9	1.0	2.5	1.8	1.4	2.5	2.8	1.6

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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SAINT MARYS HOSPITAL

1216 Second Street Southwest
Rochester, Minnesota 55902
507/285-5123

January 9, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2D2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

RE: Comments to Health Care Financing Administration regarding the 1989 mortality data.

Attention: Ms. Kappert:

We welcome Health Care Financing Administration's effort to assess institutional quality of care. However, this particular mortality based method continues to require further validation. The scope for misunderstanding this data, both by consumers and professionals, is far too great and we caution against using the data as an index of quality.

Based on this mortality data, Saint Marys Hospital is current evaluating possible clinical areas for further studies.

Sincerely,

Gary B. Morrison
Administrator
Saint Marys Hospital

GBM:jle
cc: Dr. D. A. Cortese, Chair, Clinical Practice Committee
Dr. T. J. McDonald, Chair, Hospital Operations Committee

ST MARYS HOSPITAL

551 4th St North
Winsted, MN 55395

Medicare Provider Number: 240074

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	56	17.9	10.1	7.3	21.4	14.3	9.1	26.8	18.0	9.2
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	22.5	*	60.0	24.4	*	60.0	26.8	*
Congestive Heart Failure	0									
Pneumonia/Influenza	11	45.5	18.6	*	63.6	25.5	*	72.7	30.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	3	33.3	12.0	*	33.3	16.3	*	33.3	19.8	*
Hip Fracture	0									
Sepsis	1	100.0	41.3	*	100.0	50.0	*	100.0	58.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	25
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL

Medicare Provider Number: 240074

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	51	13.7	17.0	6.4	19.6	23.2	6.5	29.4	28.1	6.6
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	33.1	*	25.0	37.1	*	25.0	41.1	*
Congestive Heart Failure	2	0.0	16.3	*	50.0	24.7	*	50.0	32.1	*
Pneumonia/Influenza	3	0.0	20.9	*	0.0	28.0	*	33.3	33.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.5	*	0.0	17.3	*	0.0	22.4	*
Transient Cerebral Ischemia	0									
Stroke	1	100.0	24.6	*	100.0	31.3	*	100.0	36.5	*
Hip Fracture	0									
Sepsis	5	20.0	42.1	*	20.0	48.7	*	40.0	55.8	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	97	11.3	12.5	3.4	17.5	18.6	4.8	28.9	23.8	5.3
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	53.2	*	33.3	61.5	*	33.3	65.4	*
Congestive Heart Failure	4	25.0	24.4	*	25.0	32.0	*	50.0	38.1	*
Pneumonia/Influenza	10	10.0	22.8	*	40.0	29.6	*	40.0	35.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.6	*	0.0	17.6	*	0.0	22.8	*
Transient Cerebral Ischemia	1	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*
Stroke	4	0.0	20.0	*	0.0	25.8	*	25.0	30.4	*
Hip Fracture	2	0.0	4.8	*	0.0	8.8	*	0.0	11.6	*
Sepsis	2	100.0	33.2	*	100.0	41.6	*	100.0	49.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.1	*	0.0	6.2	*	0.0	8.3	*
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	3.3	*	0.0	9.6	*	0.0	18.2	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MARYS HOSPITAL

2414 South Seventh Street
Minneapolis, MN 55454

Medicare Provider Number: 240081

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	414	15.5	10.3	2.1	21.0	15.6	2.4	26.1	19.7	2.7
CONDITIONS:										
Acute Myocardial Infarction	20	35.0	27.7	*	40.0	31.4	*	40.0	34.7	*
Congestive Heart Failure	25	20.0	13.1	*	20.0	20.7	*	24.0	27.1	*
Pneumonia/Influenza	18	22.2	20.1	*	22.2	27.5	*	33.3	33.3	*
Chronic Obstructive Pulmonary Disease	6	0.0	8.1	*	0.0	13.4	*	0.0	18.2	*
Transient Cerebral Ischemia	4	0.0	1.2	*	0.0	2.4	*	0.0	3.8	*
Stroke	15	26.7	22.6	*	33.3	30.1	*	40.0	35.1	*
Hip Fracture	1	0.0	5.1	*	0.0	9.8	*	0.0	13.1	*
Sepsis	8	12.5	22.3	*	37.5	29.5	*	75.0	35.9	*
PROCEDURES:										
Angioplasty	3	0.0	8.4	*	0.0	9.3	*	0.0	10.5	*
Coronary Artery Bypass Graft	6	0.0	4.5	*	0.0	6.4	*	0.0	7.7	*
Initial Pacemaker Insertion	4	0.0	1.8	*	0.0	3.6	*	0.0	5.5	*
Carotid Endarterectomy	1	0.0	1.4	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	12	0.0	0.6	*	0.0	1.5	*	0.0	2.7	*
Cholecystectomy	12	8.3	1.1	*	8.3	1.9	*	8.3	2.6	*
Hysterectomy	1	0.0	1.7	*	0.0	4.3	*	0.0	7.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds	607
Ownership/Control	Church

STAFFING:

Medical Residents/Interns	35
Registered Nurses	316
Licensed Practical Nurses	62

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	Yes
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL

Medicare Provider Number: 240081

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,309	9.4	9.6	0.9	15.8	14.8	1.3	19.5	18.7	1.4
CONDITIONS:										
Acute Myocardial Infarction	38	21.1	28.4	*	26.3	32.2	*	26.3	35.9	*
Congestive Heart Failure	56	23.2	16.7	9.8	32.1	25.4	11.8	39.3	32.3	12.9
Pneumonia/Influenza	61	6.6	16.3	5.9	9.8	21.8	7.0	11.5	26.3	8.1
Chronic Obstructive Pulmonary Disease	12	8.3	9.8	*	25.0	16.9	*	33.3	23.0	*
Transient Cerebral Ischemia	25	0.0	1.8	*	4.0	3.8	*	4.0	6.1	*
Stroke	52	19.2	20.8	5.8	30.8	27.3	7.3	30.8	31.9	7.3
Hip Fracture	7	14.3	6.5	*	14.3	12.0	*	28.6	15.3	*
Sepsis	9	44.4	29.0	*	44.4	37.9	*	55.6	43.8	*
PROCEDURE:										
Angioplasty	11	0.0	1.2	*	0.0	1.8	*	0.0	2.5	*
Coronary Artery Bypass Graft	7	0.0	6.6	*	14.3	8.5	*	14.3	9.9	*
Initial Pacemaker Insertion	10	0.0	3.2	*	0.0	6.3	*	10.0	9.5	*
Carotid Endarterectomy	6	0.0	1.5	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	8	0.0	4.0	*	0.0	7.7	*	12.5	10.1	*
Open Reduction of Hip Fracture	1	0.0	5.6	*	0.0	11.7	*	0.0	15.6	*
Prostatectomy	32	0.0	1.1	*	0.0	2.7	*	0.0	4.4	*
Cholecystectomy	33	0.0	3.3	*	3.0	5.7	*	6.1	7.3	*
Hysterectomy	9	0.0	5.0	*	11.1	6.6	*	11.1	7.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,059	9.0	8.3	1.0	13.5	12.7	1.4	17.2	16.1	1.8
CONDITIONS:										
Acute Myocardial Infarction	25	40.0	32.5	*	44.0	35.7	*	48.0	39.0	*
Congestive Heart Failure	47	17.0	17.5	*	31.9	26.6	*	36.2	34.0	*
Pneumonia/Influenza	45	20.0	17.2	*	28.9	23.3	*	33.3	27.9	*
Chronic Obstructive Pulmonary Disease	9	11.1	9.7	*	33.3	17.0	*	33.3	22.4	*
Transient Cerebral Ischemia	11	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke	26	38.5	22.5	*	50.0	29.8	*	57.7	34.6	*
Hip Fracture	38	2.6	5.7	*	5.3	10.5	*	7.9	13.7	*
Sepsis	8	50.0	41.4	*	62.5	52.3	*	75.0	59.0	*
PROCEDURES:										
Angioplasty	9	11.1	3.4	*	11.1	4.1	*	11.1	5.0	*
Coronary Artery Bypass Graft	9	11.1	4.0	*	11.1	5.1	*	11.1	6.0	*
Initial Pacemaker Insertion	7	0.0	2.1	*	0.0	4.1	*	0.0	6.0	*
Carotid Endarterectomy	5	0.0	1.3	*	0.0	2.4	*	0.0	3.4	*
Hip Replacement/Reconstruction	29	0.0	2.0	*	0.0	4.3	*	3.4	6.2	*
Open Reduction of Hip Fracture	21	0.0	5.6	*	4.8	10.6	*	4.8	14.0	*
Prostatectomy	39	0.0	1.1	*	5.1	2.6	*	5.1	4.4	*
Cholecystectomy	28	3.6	4.0	*	3.6	7.1	*	7.1	9.2	*
Hysterectomy	9	0.0	0.7	*	0.0	1.3	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MARYS MEDICAL CENTER

407 E 3rd St
Duluth, MN 55805

Medicare Provider Number: 240002

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,681	9.3	9.7	0.6	14.3	14.9	0.9	17.6	18.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	152	21.7	25.7	5.5	27.0	29.0	6.1	27.6	32.4	7.1
Congestive Heart Failure	127	12.6	15.5	4.1	20.5	23.9	5.8	26.0	30.8	7.5
Pneumonia/Influenza	86	10.5	17.8	6.6	17.4	24.5	6.3	20.9	29.5	6.7
Chronic Obstructive Pulmonary Disease	22	4.5	10.8	*	4.5	18.1	*	18.2	24.2	*
Transient Cerebral Ischemia	21	0.0	2.2	*	4.8	4.8	*	4.8	7.5	*
Stroke	102	24.5	20.3	7.4	32.4	27.0	9.2	38.2	31.6	10.6
Hip Fracture	95	7.4	7.5	2.8	9.5	13.4	5.6	14.7	17.4	6.2
Sepsis	32	40.6	25.5	*	46.9	34.7	*	46.9	41.4	*
PROCEDURES:										
Angioplasty	63	1.6	3.9	2.8	4.8	5.1	2.8	6.3	6.5	3.1
Coronary Artery Bypass Graft	74	5.4	5.3	2.6	9.5	7.3	3.6	9.5	8.7	4.3
Initial Pacemaker Insertion	36	2.8	3.0	*	2.8	6.0	*	5.6	8.9	*
Carotid Endarterectomy	2	0.0	2.1	*	0.0	3.8	*	0.0	5.5	*
Hip Replacement/Reconstruction	119	0.8	2.8	2.2	4.2	5.2	2.8	5.0	7.1	3.8
Open Reduction of Hip Fracture	41	2.4	7.1	*	2.4	13.3	*	9.8	17.5	*
Prostatectomy	167	0.6	1.0	1.1	2.4	2.3	1.2	3.0	3.7	1.9
Cholecystectomy	78	3.8	2.5	2.6	3.8	4.5	3.4	6.4	5.9	3.0
Hysterectomy	39	2.6	0.7	*	2.6	1.6	*	5.1	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	306
Occupancy Rate	71
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	238
Percent of Physicians Board Certified Specialists	55
Medical Residents/Interns	0
Registered Nurses	302
Licensed Practical Nurses	129

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARYS MEDICAL CENTER

Medicare Provider Number: 240002

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,132	8.3	9.6	0.6	13.5	14.7	1.1	16.7	18.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	115	16.5	25.8	6.5	20.0	29.1	6.8	21.7	32.5	6.9
Congestive Heart Failure	119	11.8	15.4	4.0	24.4	23.3	4.0	31.1	30.0	4.3
Pneumonia/Influenza	72	11.1	20.5	7.6	16.7	27.1	7.2	25.0	32.2	6.5
Chronic Obstructive Pulmonary Disease	32	15.6	9.6	*	18.8	16.9	*	18.8	22.9	*
Transient Cerebral Ischemia	29	0.0	2.0	*	0.0	4.1	*	0.0	6.3	*
Stroke	110	19.1	22.3	5.8	24.5	29.1	7.9	28.2	33.7	7.9
Hip Fracture	81	6.2	7.4	3.3	11.1	13.4	5.6	12.3	17.2	7.6
Sepsis	30	20.0	24.4	*	33.3	33.1	*	36.7	39.3	*
PROCEDURES:										
Angioplasty	32	0.0	4.8	*	0.0	5.7	*	0.0	6.9	*
Coronary Artery Bypass Graft	67	7.5	8.2	3.4	11.9	11.6	4.4	13.4	13.4	4.2
Initial Pacemaker Insertion	34	2.9	6.5	*	11.8	9.9	*	17.6	13.1	*
Carotid Endarterectomy	3	0.0	1.7	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction	83	4.8	2.9	2.6	7.2	5.6	2.9	7.2	7.6	2.9
Open Reduction of Hip Fracture	36	8.3	6.8	*	13.9	12.9	*	16.7	17.0	*
Prostatectomy	121	0.0	1.2	*	0.8	3.0	*	1.7	5.0	*
Cholecystectomy	80	2.5	3.3	2.2	3.8	5.3	3.0	5.0	6.8	3.1
Hysterectomy	46	0.0	0.3	*	0.0	0.7	*	2.2	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,533	8.9	9.2	0.7	14.4	14.3	1.3	17.2	18.3	1.3
CONDITIONS:										
Acute Myocardial Infarction	106	24.5	27.1	4.6	26.4	30.5	5.3	26.4	34.0	5.8
Congestive Heart Failure	98	10.2	15.7	7.3	22.4	23.5	7.1	27.6	30.1	5.7
Pneumonia/Influenza	61	11.5	16.8	7.1	24.6	22.9	5.7	26.2	27.7	5.9
Chronic Obstructive Pulmonary Disease	28	17.9	12.5	*	21.4	20.2	*	25.0	26.3	*
Transient Cerebral Ischemia	24	0.0	2.3	*	0.0	5.1	*	0.0	8.1	*
Stroke	94	23.4	20.7	6.3	28.7	27.7	5.6	33.0	32.4	5.0
Hip Fracture	61	14.8	8.6	5.9	21.3	15.2	7.4	26.2	19.4	9.1
Sepsis	23	30.4	20.9	*	30.4	29.4	*	43.5	36.0	*
PROCEDURES:										
Angioplasty	29	3.4	5.5	*	3.4	6.7	*	3.4	8.0	*
Coronary Artery Bypass Graft	52	7.7	7.6	3.7	9.6	10.6	4.4	11.5	12.3	4.6
Initial Pacemaker Insertion	27	0.0	5.1	*	3.7	8.8	*	7.4	11.7	*
Carotid Endarterectomy	1	0.0	1.1	*	0.0	2.0	*	0.0	2.8	*
Hip Replacement/Reconstruction	74	9.5	3.3	4.3	9.5	6.3	3.5	10.8	8.6	4.0
Open Reduction of Hip Fracture	22	9.1	6.9	*	22.7	12.8	*	27.3	16.6	*
Prostatectomy	86	0.0	1.0	1.3	1.2	2.3	2.1	1.2	3.9	3.3
Cholecystectomy	43	7.0	2.8	*	7.0	5.2	*	9.3	6.9	*
Hysterectomy	47	2.1	0.9	*	2.1	1.8	*	4.3	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MARYS REGIONAL HEALTH CENTER

1027 Washington Ave
Detroit Lakes, MN 56501

Medicare Provider Number: 240101

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	619	9.2	11.2	1.9	14.1	16.3	2.6	17.3	20.3	2.7
CONDITIONS:										
Acute Myocardial Infarction	27	33.3	34.3	*	33.3	37.7	*	40.7	41.6	*
Congestive Heart Failure	24	20.8	15.9	*	33.3	24.4	*	37.5	31.5	*
Pneumonia/Influenza	32	15.6	18.8	*	25.0	25.4	*	37.5	30.6	*
Chronic Obstructive Pulmonary Disease	8	25.0	12.0	*	37.5	20.8	*	37.5	28.1	*
Transient Cerebral Ischemia	8	0.0	2.2	*	12.5	4.8	*	12.5	7.7	*
Stroke	29	13.8	20.6	*	17.2	26.3	*	17.2	30.7	*
Hip Fracture	14	7.1	9.8	*	21.4	17.1	*	28.6	21.6	*
Sepsis	9	33.3	28.5	*	44.4	37.0	*	55.6	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	5.0	*	0.0	9.7	*	0.0	13.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	24	4.2	5.1	*	8.3	9.2	*	12.5	11.9	*
Open Reduction of Hip Fracture	2	0.0	4.8	*	50.0	9.2	*	50.0	12.2	*
Prostatectomy	0									
Cholecystectomy	8	0.0	2.9	*	12.5	4.9	*	12.5	6.4	*
Hysterectomy	9	11.1	2.7	*	11.1	5.1	*	11.1	7.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	166
Occupancy Rate	80
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	23
Percent of Physicians Board Certified Specialists	87
Medical Residents/Interns	0
Registered Nurses	43
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARYS REGIONAL HEALTH CENTER

Medicare Provider Number: 240101

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	579	10.0	9.8	1.5	13.5	14.5	1.8	16.9	18.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	18	33.3	29.5	*	38.9	32.3	*	44.4	35.9	*
Congestive Heart Failure	27	3.7	14.1	*	7.4	21.8	*	22.2	28.3	*
Pneumonia/Influenza	40	10.0	16.0	*	12.5	21.5	*	15.0	25.9	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.1	*	20.0	15.8	*	20.0	23.4	*
Transient Cerebral Ischemia	11	0.0	2.1	*	9.1	4.9	*	9.1	8.0	*
Stroke	16	25.0	24.6	*	37.5	32.1	*	43.8	37.2	*
Hip Fracture	15	13.3	6.4	*	13.3	11.8	*	20.0	15.4	*
Sepsis	9	55.6	35.6	*	55.6	44.2	*	55.6	51.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	24	4.2	3.3	*	4.2	6.2	*	4.2	8.2	*
Open Reduction of Hip Fracture	2	0.0	5.3	*	0.0	10.5	*	0.0	14.0	*
Prostatectomy	0									
Cholecystectomy	13	15.4	2.4	*	23.1	3.8	*	23.1	4.8	*
Hysterectomy	2	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	486	11.9	8.4	1.8	16.3	12.7	2.0	18.7	16.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	34.6	*	37.5	37.6	*	37.5	41.4	*
Congestive Heart Failure	16	6.3	13.0	*	12.5	20.2	*	12.5	26.5	*
Pneumonia/Influenza	30	16.7	16.0	*	23.3	21.8	*	23.3	26.6	*
Chronic Obstructive Pulmonary Disease	7	14.3	6.9	*	14.3	12.1	*	14.3	16.3	*
Transient Cerebral Ischemia	12	0.0	2.9	*	16.7	6.8	*	25.0	11.0	*
Stroke	17	23.5	25.6	*	35.3	32.7	*	41.2	37.8	*
Hip Fracture	12	16.7	6.0	*	16.7	10.9	*	16.7	14.3	*
Sepsis	2	0.0	31.6	*	0.0	38.2	*	0.0	45.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.2	*	0.0	6.6	*	0.0	10.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	11.1	3.8	*	11.1	6.9	*	11.1	8.9	*
Open Reduction of Hip Fracture	6	0.0	5.0	*	0.0	9.9	*	0.0	13.6	*
Prostatectomy	0									
Cholecystectomy	15	13.3	1.3	*	13.3	2.2	*	13.3	3.0	*
Hysterectomy	3	0.0	0.3	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MICHAELS HOSPITAL

425 N Elm
Sauk Centre, MN 56378

Medicare Provider Number: 240031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	140	5.7	8.6	3.7	10.0	13.0	5.2	11.4	16.7	5.1
CONDITIONS:										
Acute Myocardial Infarction	9	0.0	31.3	*	22.2	34.5	*	22.2	38.1	*
Congestive Heart Failure	7	0.0	12.8	*	14.3	19.8	*	14.3	26.0	*
Pneumonia/Influenza	12	25.0	12.0	*	33.3	16.5	*	33.3	20.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.7	*	0.0	15.9	*	0.0	21.9	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.0	*	0.0	3.1	*
Stroke	6	16.7	22.9	*	16.7	30.4	*	33.3	35.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.0	*	0.0	1.9	*	0.0	2.8	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	90
Occupancy Rate	73
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MICHAELS HOSPITAL

Medicare Provider Number: 240031

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	118	10.2	8.6	3.3	12.7	13.4	4.6	13.6	17.2	6.7
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	21.9	*	0.0	25.0	*	0.0	29.1	*
Congestive Heart Failure	7	14.3	16.2	*	28.6	25.3	*	28.6	32.9	*
Pneumonia/Influenza	10	20.0	16.2	*	20.0	21.5	*	20.0	25.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.6	*	33.3	14.6	*	33.3	19.4	*
Transient Cerebral Ischemia	1	0.0	2.2	*	0.0	5.1	*	0.0	8.2	*
Stroke	5	20.0	18.5	*	20.0	24.3	*	20.0	28.9	*
Hip Fracture	0									
Sepsis	2	0.0	27.5	*	0.0	41.7	*	0.0	49.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.9	*	0.0	2.4	*	0.0	4.1	*
Cholecystectomy	4	25.0	3.8	*	25.0	6.1	*	25.0	7.3	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	106	12.3	9.9	3.7	13.2	14.4	3.5	16.0	18.4	3.9
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	31.0	*	60.0	34.0	*	60.0	37.3	*
Congestive Heart Failure	3	33.3	13.4	*	33.3	19.6	*	33.3	25.3	*
Pneumonia/Influenza	9	0.0	18.2	*	0.0	24.0	*	11.1	28.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	9.5	*	0.0	18.0	*	100.0	25.0	*
Transient Cerebral Ischemia	1	0.0	3.3	*	0.0	6.9	*	0.0	11.0	*
Stroke	4	0.0	16.0	*	0.0	20.5	*	0.0	24.5	*
Hip Fracture	2	50.0	4.8	*	50.0	8.9	*	50.0	12.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.7	*	0.0	4.2	*	0.0	7.0	*
Cholecystectomy	3	33.3	6.7	*	33.3	15.9	*	33.3	24.3	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.1	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ST OLAFS HOSPITAL

300 Eighth Ave NW
Austin, MN 55912

Medicare Provider Number: 240117

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	889	7.6	9.9	1.6	11.2	14.6	1.9	14.6	18.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	32	15.6	25.7	*	21.9	29.4	*	21.9	32.9	*
Congestive Heart Failure	48	18.8	14.8	*	22.9	23.5	*	29.2	30.6	*
Pneumonia/Influenza	50	10.0	16.8	*	16.0	22.6	*	18.0	27.2	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.2	*	0.0	10.2	*	14.3	15.2	*
Transient Cerebral Ischemia	5	0.0	2.1	*	0.0	4.7	*	0.0	7.6	*
Stroke	42	9.5	21.9	*	14.3	29.0	*	23.8	33.9	*
Hip Fracture	32	9.4	7.1	*	9.4	12.1	*	12.5	15.3	*
Sepsis	9	11.1	25.1	*	22.2	30.9	*	22.2	35.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	0.0	6.8	*	0.0	9.9	*	4.8	11.9	*
Open Reduction of Hip Fracture	20	15.0	6.3	*	15.0	11.4	*	20.0	14.7	*
Prostatectomy	30	0.0	1.0	*	0.0	2.4	*	0.0	4.1	*
Cholecystectomy	18	0.0	4.4	*	0.0	7.1	*	0.0	8.9	*
Hysterectomy	11	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	108
Occupancy Rate	(Not Available)
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	37
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	65
Licensed Practical Nurses	25

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST OLAFS HOSPITAL

Medicare Provider Number: 240117

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	890	9.4	10.2	1.4	14.2	14.9	2.2	16.9	18.5	2.4
CONDITIONS:										
Acute Myocardial Infarction	39	28.2	29.0	*	33.3	32.6	*	38.5	36.2	*
Congestive Heart Failure	57	10.5	14.5	8.7	15.8	22.2	10.8	19.3	28.8	12.9
Pneumonia/Influenza	57	24.6	19.6	11.9	35.1	26.6	12.4	36.8	31.7	11.0
Chronic Obstructive Pulmonary Disease	2	50.0	11.6	*	50.0	23.9	*	50.0	34.9	*
Transient Cerebral Ischemia	3	0.0	1.7	*	0.0	3.7	*	0.0	5.7	*
Stroke	20	35.0	26.5	*	35.0	33.7	*	35.0	39.0	*
Hip Fracture	31	9.7	7.6	*	16.1	13.8	*	19.4	17.6	*
Sepsis	11	9.1	28.0	*	9.1	32.9	*	9.1	38.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	5.3	3.7	*	5.3	7.4	*	5.3	10.1	*
Open Reduction of Hip Fracture	19	10.5	6.5	*	15.8	12.1	*	21.1	15.7	*
Prostatectomy	24	0.0	1.6	*	8.3	4.0	*	8.3	6.6	*
Cholecystectomy	15	6.7	3.5	*	6.7	7.1	*	6.7	9.8	*
Hysterectomy	9	0.0	1.1	*	0.0	2.2	*	0.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	899	6.8	8.3	1.1	9.9	12.4	1.6	12.9	15.8	1.8
CONDITIONS:										
Acute Myocardial Infarction	39	7.7	23.0	*	10.3	26.0	*	10.3	29.3	*
Congestive Heart Failure	52	7.7	16.9	8.7	19.2	25.5	7.9	30.8	32.6	6.8
Pneumonia/Influenza	44	4.5	15.8	*	9.1	21.5	*	9.1	26.3	*
Chronic Obstructive Pulmonary Disease	3	33.3	6.7	*	33.3	13.3	*	33.3	18.8	*
Transient Cerebral Ischemia	14	0.0	2.4	*	0.0	5.4	*	7.1	8.7	*
Stroke	29	20.7	18.7	*	31.0	24.8	*	37.9	29.4	*
Hip Fracture	37	8.1	5.8	*	8.1	10.8	*	13.5	14.1	*
Sepsis	14	28.6	27.7	*	28.6	37.0	*	35.7	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	34	2.9	3.4	*	2.9	6.4	*	8.8	8.4	*
Open Reduction of Hip Fracture	19	10.5	4.2	*	10.5	8.5	*	10.5	11.7	*
Prostatectomy	30	0.0	1.0	*	0.0	2.4	*	0.0	4.1	*
Cholecystectomy	18	0.0	2.5	*	0.0	4.2	*	0.0	5.3	*
Hysterectomy	7	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST PAUL RAMSEY MEDICAL CENTER

640 Jackson Street
St Paul, MN 55101

Medicare Provider Number: 240106

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,355	9.9	10.4	0.9	14.8	15.3	1.1	18.6	19.2	1.3
CONDITIONS:										
Acute Myocardial Infarction	75	40.0	30.4	7.4	42.7	34.5	8.0	48.0	38.2	8.2
Congestive Heart Failure	95	15.8	17.9	4.2	26.3	26.9	4.7	29.5	34.1	6.5
Pneumonia/Influenza	114	21.1	21.7	4.2	25.4	29.1	4.8	35.1	34.9	4.5
Chronic Obstructive Pulmonary Disease	44	4.5	10.1	*	20.5	17.5	*	27.3	23.8	*
Transient Cerebral Ischemia	39	2.6	2.4	*	2.6	5.5	*	7.7	8.7	*
Stroke	75	20.0	24.1	5.5	25.3	30.7	6.2	26.7	35.4	7.4
Hip Fracture	58	3.4	7.9	5.6	10.3	13.8	6.5	13.8	17.7	6.3
Sepsis	19	15.8	27.6	*	31.6	37.1	*	31.6	44.1	*
PROCEDURES:										
Angioplasty	19	0.0	4.8	*	0.0	6.4	*	0.0	8.1	*
Coronary Artery Bypass Graft	26	7.7	8.3	*	11.5	11.0	*	11.5	12.3	*
Initial Pacemaker Insertion	10	0.0	6.8	*	0.0	11.7	*	0.0	15.9	*
Carotid Endarterectomy	4	0.0	1.8	*	0.0	3.2	*	0.0	4.8	*
Hip Replacement/Reconstruction	15	0.0	4.3	*	0.0	8.2	*	0.0	11.1	*
Open Reduction of Hip Fracture	28	7.1	6.9	*	14.3	12.7	*	17.9	16.6	*
Prostatectomy	25	0.0	0.7	*	0.0	1.7	*	4.0	3.0	*
Cholecystectomy	20	0.0	2.1	*	0.0	3.5	*	5.0	4.7	*
Hysterectomy	13	0.0	0.5	*	0.0	1.1	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	304
Occupancy Rate	77
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	166
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	55
Registered Nurses	377
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

ST PAUL RAMSEY MEDICAL CENTER

Medicare Provider Number: 240106

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,175	11.4	9.9	1.0	15.2	14.7	0.8	18.4	18.5	0.8
CONDITIONS:										
Acute Myocardial Infarction	73	35.6	29.0	6.5	39.7	32.5	6.7	42.5	36.3	6.7
Congestive Heart Failure	86	14.0	16.5	6.3	25.6	24.9	7.9	30.2	31.7	5.3
Pneumonia/Influenza	88	25.0	23.4	5.1	30.7	31.3	5.0	38.6	36.9	5.3
Chronic Obstructive Pulmonary Disease	42	9.5	9.1	*	16.7	15.3	*	23.8	20.7	*
Transient Cerebral Ischemia	40	0.0	1.9	*	0.0	4.0	*	0.0	6.3	*
Stroke	80	35.0	24.2	7.9	41.2	30.7	7.9	42.5	35.3	6.9
Hip Fracture	56	14.3	7.6	5.4	17.9	13.5	5.8	17.9	17.0	7.1
Sepsis	24	29.2	24.1	*	41.7	31.4	*	50.0	37.6	*
PROCEDURES:										
Angioplasty	19	5.3	5.8	*	15.8	7.4	*	21.1	9.0	*
Coronary Artery Bypass Graft	21	9.5	8.9	*	14.3	11.3	*	14.3	12.7	*
Initial Pacemaker Insertion	13	23.1	3.7	*	23.1	7.0	*	30.8	9.7	*
Carotid Endarterectomy	3	0.0	1.3	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	18	11.1	4.5	*	11.1	8.6	*	11.1	11.4	*
Open Reduction of Hip Fracture	17	11.8	7.5	*	17.6	13.9	*	17.6	17.7	*
Prostatectomy	21	4.8	1.3	*	4.8	3.2	*	9.5	5.1	*
Cholecystectomy	22	9.1	3.5	*	9.1	6.0	*	9.1	7.4	*
Hysterectomy	13	0.0	1.1	*	0.0	2.6	*	7.7	4.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,053	8.7	10.1	0.8	13.5	15.0	1.0	16.4	18.9	1.2
CONDITIONS:										
Acute Myocardial Infarction	57	24.6	28.3	8.8	40.4	32.1	8.1	42.1	35.8	7.9
Congestive Heart Failure	81	17.3	18.2	4.6	24.7	27.3	6.2	33.3	34.6	6.2
Pneumonia/Influenza	90	18.9	21.8	5.8	23.3	28.9	8.4	28.9	34.5	9.5
Chronic Obstructive Pulmonary Disease	38	5.3	9.6	*	10.5	17.1	*	21.1	23.2	*
Transient Cerebral Ischemia	49	2.0	2.1	*	6.1	4.5	*	6.1	7.1	*
Stroke	59	20.3	29.1	8.9	22.0	35.2	9.8	22.0	39.9	12.3
Hip Fracture	56	7.1	7.8	4.8	7.1	13.4	6.0	8.9	17.2	7.5
Sepsis	28	21.4	30.2	*	28.6	39.6	*	32.1	46.1	*
PROCEDURES:										
Angioplasty	12	0.0	10.4	*	0.0	13.2	*	0.0	15.7	*
Coronary Artery Bypass Graft	26	3.8	11.9	*	11.5	16.7	*	23.1	19.3	*
Initial Pacemaker Insertion	14	0.0	2.9	*	7.1	6.5	*	7.1	9.9	*
Carotid Endarterectomy	9	0.0	2.1	*	0.0	3.9	*	11.1	5.7	*
Hip Replacement/Reconstruction	32	6.3	4.7	*	6.3	8.0	*	6.3	10.2	*
Open Reduction of Hip Fracture	4	0.0	3.8	*	0.0	7.1	*	0.0	9.6	*
Prostatectomy	22	0.0	1.0	*	0.0	2.6	*	4.5	4.7	*
Cholecystectomy	15	6.7	5.1	*	6.7	8.7	*	6.7	10.8	*
Hysterectomy	4	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST PETER COMMUNITY HOSPITAL

618 West Broadway
St Peter, MN 56082

Medicare Provider Number: 240023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	251	11.2	8.8	2.3	13.5	13.9	2.2	15.9	18.2	2.8
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	22.6	*	20.0	25.5	*	20.0	29.0	*
Congestive Heart Failure	16	25.0	14.2	*	25.0	22.4	*	25.0	29.5	*
Pneumonia/Influenza	16	18.8	15.6	*	25.0	22.0	*	25.0	27.2	*
Chronic Obstructive Pulmonary Disease	4	25.0	7.5	*	25.0	13.0	*	25.0	17.9	*
Transient Cerebral Ischemia	6	0.0	1.7	*	0.0	3.9	*	0.0	6.3	*
Stroke	12	16.7	20.7	*	16.7	26.8	*	33.3	31.7	*
Hip Fracture	7	0.0	3.9	*	0.0	7.6	*	14.3	10.4	*
Sepsis	3	33.3	30.4	*	33.3	36.5	*	33.3	43.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	3.9	*	0.0	7.9	*	0.0	10.9	*
Open Reduction of Hip Fracture	1	0.0	3.4	*	0.0	6.6	*	100.0	9.1	*
Prostatectomy	5	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	6	0.0	1.3	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	121
Occupancy Rate	78
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	14
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST PETER COMMUNITY HOSPITAL

Medicare Provider Number: 240023

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	250	13.2	9.8	2.6	18.4	14.9	3.0	21.6	19.2	2.8
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	33.6	*	66.7	38.3	*	66.7	42.6	*
Congestive Heart Failure	17	29.4	15.1	*	41.2	22.9	*	41.2	29.4	*
Pneumonia/Influenza	17	11.8	13.0	*	23.5	17.5	*	23.5	21.4	*
Chronic Obstructive Pulmonary Disease	6	0.0	4.4	*	0.0	8.3	*	0.0	11.8	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	4.0	*	0.0	6.5	*
Stroke	13	38.5	26.6	*	38.5	34.8	*	46.2	40.4	*
Hip Fracture	6	0.0	5.9	*	16.7	11.2	*	16.7	15.0	*
Sepsis	4	0.0	18.8	*	0.0	24.1	*	0.0	29.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	5.3	*	0.0	10.4	*	0.0	14.1	*
Open Reduction of Hip Fracture	3	0.0	5.5	*	33.3	10.7	*	33.3	14.2	*
Prostatectomy	9	0.0	1.3	*	0.0	3.3	*	0.0	5.6	*
Cholecystectomy	3	33.3	5.0	*	33.3	9.6	*	33.3	13.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	250	12.0	9.3	3.6	15.6	13.9	3.9	20.0	17.8	4.2
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	28.0	*	33.3	31.1	*	33.3	34.5	*
Congestive Heart Failure	11	0.0	16.4	*	9.1	25.7	*	27.3	33.3	*
Pneumonia/Influenza	18	38.9	20.0	*	44.4	27.5	*	50.0	33.5	*
Chronic Obstructive Pulmonary Disease	6	0.0	6.0	*	0.0	11.8	*	33.3	17.2	*
Transient Cerebral Ischemia	8	0.0	2.1	*	0.0	4.6	*	12.5	7.5	*
Stroke	13	30.8	21.9	*	30.8	29.4	*	30.8	34.9	*
Hip Fracture	13	0.0	5.5	*	7.7	10.4	*	7.7	13.8	*
Sepsis	2	100.0	36.7	*	100.0	43.8	*	100.0	51.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	2.8	*	0.0	5.9	*	0.0	8.3	*
Open Reduction of Hip Fracture	7	0.0	6.1	*	14.3	11.9	*	14.3	15.8	*
Prostatectomy	8	0.0	1.3	*	0.0	3.2	*	0.0	5.4	*
Cholecystectomy	10	10.0	2.2	*	10.0	3.9	*	10.0	5.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

STEVENS COMMUNITY MEMORIAL HOSPITAL

400 E 1st St
Morris, MN 56267

Medicare Provider Number: 240087

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	327	10.7	9.7	2.3	14.1	15.0	2.4	16.8	19.2	3.3
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	20.7	*	44.4	23.6	*	44.4	26.9	*
Congestive Heart Failure	19	15.8	16.4	*	26.3	25.1	*	36.8	32.4	*
Pneumonia/Influenza	36	16.7	21.8	*	19.4	29.3	*	27.8	34.7	*
Chronic Obstructive Pulmonary Disease	4	0.0	3.7	*	0.0	7.0	*	0.0	10.1	*
Transient Cerebral Ischemia	3	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke	9	11.1	23.4	*	22.2	29.9	*	22.2	34.8	*
Hip Fracture	1	100.0	7.6	*	100.0	14.1	*	100.0	18.3	*
Sepsis	5	80.0	39.1	*	80.0	47.8	*	80.0	54.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	100.0	6.6	*	100.0	12.8	*	100.0	17.0	*
Prostatectomy	6	0.0	0.7	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy	4	0.0	1.6	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	5	0.0	0.8	*	0.0	2.0	*	0.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	42
Occupancy Rate	29
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

STEVENS COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 240087

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	321	10.6	12.6	2.9	16.8	18.5	3.3	20.2	22.9	4.1
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	34.3	*	28.6	37.3	*	28.6	40.7	*
Congestive Heart Failure	19	21.1	18.7	*	26.3	28.4	*	31.6	36.0	*
Pneumonia/Influenza	28	7.1	19.5	*	10.7	25.6	*	10.7	30.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.7	*	0.0	11.0	*	0.0	15.1	*
Transient Cerebral Ischemia	8	0.0	2.3	*	12.5	5.5	*	12.5	8.7	*
Stroke	15	13.3	26.1	*	26.7	32.9	*	33.3	37.7	*
Hip Fracture	3	0.0	5.9	*	33.3	11.2	*	33.3	14.9	*
Sepsis	6	83.3	42.0	*	83.3	54.9	*	83.3	63.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	4.0	*	0.0	7.3	*	0.0	10.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	4.8	*	50.0	9.7	*	50.0	13.2	*
Prostatectomy	16	6.3	1.7	*	6.3	4.2	*	6.3	7.0	*
Cholecystectomy	8	0.0	1.2	*	0.0	2.1	*	25.0	2.8	*
Hysterectomy	4	0.0	0.9	*	0.0	1.9	*	0.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	292	9.6	10.7	2.2	15.1	15.6	2.5	19.5	19.6	2.3
CONDITIONS:										
Acute Myocardial Infarction	18	27.8	25.5	*	33.3	28.9	*	44.4	32.6	*
Congestive Heart Failure	12	8.3	19.3	*	25.0	29.2	*	33.3	37.1	*
Pneumonia/Influenza	21	9.5	18.6	*	19.0	25.2	*	33.3	31.0	*
Chronic Obstructive Pulmonary Disease	4	25.0	7.1	*	25.0	16.0	*	25.0	25.0	*
Transient Cerebral Ischemia	2	0.0	2.0	*	0.0	4.6	*	0.0	7.6	*
Stroke	9	33.3	31.9	*	44.4	40.8	*	55.6	47.2	*
Hip Fracture	6	16.7	7.1	*	33.3	12.3	*	33.3	15.7	*
Sepsis	2	50.0	44.7	*	50.0	50.1	*	50.0	55.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	3.0	*	33.3	6.8	*	33.3	10.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	5	0.0	6.5	*	20.0	11.8	*	20.0	15.3	*
Prostatectomy	10	0.0	1.0	*	0.0	2.4	*	0.0	4.0	*
Cholecystectomy	6	0.0	2.1	*	0.0	4.0	*	0.0	5.2	*
Hysterectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SWIFT COUNTY-BENSON HOSPITAL

1815 Wisconsin Ave
Benson, MN 56215

Medicare Provider Number: 240107

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	256	6.6	9.1	2.4	9.8	13.9	2.9	14.1	17.9	3.0
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	34.8	*	22.2	38.8	*	22.2	43.2	*
Congestive Heart Failure	12	25.0	18.2	*	33.3	27.3	*	41.7	34.9	*
Pneumonia/Influenza	21	9.5	16.6	*	9.5	23.5	*	23.8	28.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.9	*	0.0	10.0	*	0.0	15.1	*
Transient Cerebral Ischemia	3	0.0	2.1	*	0.0	4.7	*	0.0	7.4	*
Stroke	16	6.3	19.8	*	6.3	26.2	*	18.8	31.0	*
Hip Fracture	1	100.0	8.9	*	100.0	15.5	*	100.0	19.5	*
Sepsis	4	0.0	23.5	*	0.0	32.8	*	0.0	40.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	100.0	8.4	*	100.0	15.2	*	100.0	19.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.3	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy	4	0.0	3.6	*	0.0	5.9	*	0.0	7.0	*
Hysterectomy	2	0.0	0.7	*	0.0	1.6	*	0.0	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	31
Ownership/Control	Local Government

STAFFING:

Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	Yes
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

SWIFT COUNTY-BENSON HOSPITAL

Medicare Provider Number: 240107

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	256	10.5	10.1	2.0	16.8	15.6	2.9	19.9	20.0	2.5
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	19.0	*	25.0	22.3	*	25.0	25.5	*
Congestive Heart Failure	11	9.1	16.5	*	9.1	25.3	*	18.2	32.0	*
Pneumonia/Influenza	12	33.3	24.9	*	41.7	33.5	*	41.7	39.5	*
Chronic Obstructive Pulmonary Disease	9	22.2	8.0	*	22.2	13.9	*	44.4	19.6	*
Transient Cerebral Ischemia	6	0.0	1.5	*	0.0	3.4	*	0.0	5.4	*
Stroke	15	6.7	17.1	*	26.7	22.2	*	33.3	26.4	*
Hip Fracture	7	28.6	6.3	*	28.6	12.4	*	28.6	16.7	*
Sepsis	7	14.3	26.5	*	14.3	33.0	*	14.3	39.6	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	4.4	*	25.0	9.1	*	25.0	12.4	*
Open Reduction of Hip Fracture	1	0.0	3.3	*	0.0	6.3	*	0.0	8.5	*
Prostatectomy	2	0.0	1.8	*	0.0	5.3	*	0.0	9.9	*
Cholecystectomy	2	0.0	3.4	*	0.0	6.9	*	0.0	9.7	*
Hysterectomy	2	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	258	10.9	11.6	2.5	16.7	16.9	2.8	20.9	21.3	2.6
CONDITIONS:										
Acute Myocardial Infarction	17	23.5	28.7	*	35.3	31.5	*	35.3	34.8	*
Congestive Heart Failure	14	35.7	18.4	*	42.9	27.0	*	57.1	34.2	*
Pneumonia/Influenza	29	10.3	17.2	*	17.2	23.4	*	24.1	28.4	*
Chronic Obstructive Pulmonary Disease	6	16.7	10.7	*	16.7	20.0	*	33.3	27.5	*
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	4.2	*	0.0	6.7	*
Stroke	9	11.1	21.0	*	11.1	27.3	*	22.2	32.1	*
Hip Fracture	5	0.0	6.9	*	40.0	13.1	*	40.0	17.3	*
Sepsis	1	0.0	29.0	*	0.0	36.9	*	0.0	44.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	2.4	*	0.0	4.7	*	0.0	6.4	*
Open Reduction of Hip Fracture	3	0.0	5.5	*	33.3	11.2	*	33.3	15.2	*
Prostatectomy	1	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy	5	0.0	1.5	*	0.0	2.8	*	0.0	3.7	*
Hysterectomy	1	0.0	1.7	*	0.0	4.1	*	0.0	6.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TRACY MUNICIPAL HOSPITAL

5th St East
Tracy, MN 56175

Medicare Provider Number: 240009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	177	10.7	11.7	2.7	13.6	17.6	3.9	16.4	22.1	4.8
CONDITIONS:										
Acute Myocardial Infarction	5	0.0	21.9	*	0.0	25.4	*	0.0	28.8	*
Congestive Heart Failure	4	50.0	25.9	*	50.0	37.7	*	50.0	46.9	*
Pneumonia/Influenza	38	5.3	11.8	*	10.5	17.2	*	21.1	20.3	*
Chronic Obstructive Pulmonary Disease	6	0.0	8.3	*	0.0	14.3	*	0.0	19.5	*
Transient Cerebral Ischemia	7	0.0	3.0	*	0.0	7.1	*	0.0	11.3	*
Stroke	4	25.0	21.1	*	50.0	27.5	*	50.0	32.4	*
Hip Fracture	2	50.0	7.7	*	50.0	12.7	*	50.0	15.8	*
Sepsis	1	0.0	12.3	*	0.0	17.0	*	0.0	20.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	1.6	*	0.0	3.9	*	0.0	6.5	*
Cholecystectomy	1	0.0	0.9	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	1	0.0	0.6	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	37
Occupancy Rate	16
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TRACY MUNICIPAL HOSPITAL

Medicare Provider Number: 240009

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	162	11.7	14.3	4.4	17.3	20.8	4.8	24.7	25.3	4.0
CONDITIONS:										
Acute Myocardial Infarction	8	50.0	29.1	*	50.0	31.9	*	50.0	35.3	*
Congestive Heart Failure	9	11.1	21.3	*	11.1	29.9	*	33.3	37.6	*
Pneumonia/Influenza	37	16.2	14.8	*	16.2	20.7	*	24.3	24.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	7	0.0	1.9	*	0.0	4.5	*	0.0	6.9	*
Stroke	6	0.0	21.5	*	16.7	27.9	*	33.3	32.7	*
Hip Fracture	1	0.0	6.6	*	0.0	12.7	*	0.0	16.7	*
Sepsis	2	50.0	22.6	*	50.0	28.2	*	50.0	34.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	4.5	*	0.0	11.0	*	0.0	17.6	*
Cholecystectomy	2	0.0	4.9	*	0.0	7.6	*	0.0	9.0	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	255	13.3	13.8	2.3	17.6	20.1	3.2	20.4	24.8	4.5
CONDITIONS:										
Acute Myocardial Infarction	9	55.6	42.5	*	55.6	48.7	*	55.6	53.3	*
Congestive Heart Failure	6	0.0	24.7	*	16.7	34.9	*	16.7	42.8	*
Pneumonia/Influenza	85	11.8	13.4	4.4	18.8	19.4	4.5	18.8	23.6	6.1
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	4	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*
Stroke	11	36.4	25.1	*	36.4	33.1	*	45.5	38.4	*
Hip Fracture	0									
Sepsis	1	0.0	39.8	*	0.0	46.0	*	0.0	53.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	2.0	*	0.0	5.3	*	0.0	9.2	*
Cholecystectomy	1	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

TRI COUNTY HOSPITAL

418 N Jefferson
Wadena, MN 56482

Medicare Provider Number: 240025

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	544	11.0	11.9	2.2	15.8	17.3	2.9	18.9	21.5	3.2
CONDITIONS:										
Acute Myocardial Infarction	21	19.0	33.1	*	28.6	36.2	*	28.6	39.8	*
Congestive Heart Failure	29	10.3	13.3	*	10.3	20.8	*	17.2	27.3	*
Pneumonia/Influenza	43	20.9	21.1	*	20.9	28.8	*	23.3	34.4	*
Chronic Obstructive Pulmonary Disease	10	10.0	7.8	*	10.0	12.7	*	20.0	17.2	*
Transient Cerebral Ischemia	13	0.0	2.1	*	0.0	4.8	*	0.0	7.7	*
Stroke	24	25.0	20.7	*	37.5	28.4	*	37.5	33.1	*
Hip Fracture	14	14.3	7.1	*	14.3	12.3	*	21.4	15.7	*
Sepsis	9	22.2	30.5	*	33.3	36.8	*	33.3	41.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	12.7	*	33.3	19.2	*	33.3	23.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	4.1	*	14.3	7.8	*	28.6	10.4	*
Open Reduction of Hip Fracture	6	16.7	8.7	*	16.7	15.1	*	16.7	18.9	*
Prostatectomy	19	0.0	2.3	*	0.0	5.3	*	0.0	8.3	*
Cholecystectomy	28	10.7	4.3	*	17.9	8.4	*	17.9	11.5	*
Hysterectomy	6	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	62
Occupancy Rate	42
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	62
Medical Residents/Interns	0
Registered Nurses	33
Licensed Practical Nurses	23

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TRI COUNTY HOSPITAL

Medicare Provider Number: 240025

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	532	11.7	11.6	1.5	15.8	16.9	2.1	19.0	21.0	2.8
CONDITIONS:										
Acute Myocardial Infarction	24	41.7	30.9	*	41.7	35.8	*	41.7	39.8	*
Congestive Heart Failure	24	12.5	19.2	*	20.8	29.0	*	25.0	36.5	*
Pneumonia/Influenza	53	11.3	19.6	9.5	20.8	26.0	7.9	28.3	31.0	6.9
Chronic Obstructive Pulmonary Disease	6	0.0	8.9	*	33.3	13.2	*	50.0	17.0	*
Transient Cerebral Ischemia	7	0.0	2.9	*	0.0	6.7	*	0.0	11.1	*
Stroke	26	30.8	20.2	*	34.6	27.4	*	38.5	32.1	*
Hip Fracture	18	11.1	6.7	*	16.7	12.2	*	16.7	15.8	*
Sepsis	12	8.3	29.4	*	16.7	36.1	*	25.0	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	12.3	*	33.3	15.6	*	33.3	19.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	20.0	6.1	*	30.0	12.1	*	30.0	16.1	*
Open Reduction of Hip Fracture	9	0.0	6.7	*	0.0	12.6	*	0.0	16.5	*
Prostatectomy	11	0.0	1.2	*	0.0	3.0	*	9.1	5.1	*
Cholecystectomy	24	8.3	3.2	*	8.3	5.9	*	8.3	7.8	*
Hysterectomy	7	14.3	1.2	*	14.3	2.5	*	14.3	3.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	575	9.7	9.7	1.6	13.9	14.7	1.8	18.3	18.7	2.2
CONDITIONS:										
Acute Myocardial Infarction	27	40.7	30.1	*	44.4	33.4	*	44.4	36.8	*
Congestive Heart Failure	32	28.1	19.1	*	28.1	28.5	*	34.4	36.2	*
Pneumonia/Influenza	28	14.3	15.5	*	17.9	21.0	*	28.6	25.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	2.8	*	0.0	5.7	*	0.0	8.8	*
Transient Cerebral Ischemia	11	0.0	1.8	*	0.0	3.9	*	9.1	6.2	*
Stroke	21	19.0	24.2	*	19.0	30.8	*	19.0	35.2	*
Hip Fracture	18	11.1	7.0	*	22.2	12.8	*	22.2	16.6	*
Sepsis	6	0.0	20.7	*	0.0	25.1	*	0.0	29.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	6.8	*	20.0	11.8	*	20.0	15.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	20.0	6.6	*	30.0	12.1	*	30.0	15.7	*
Open Reduction of Hip Fracture	8	0.0	5.9	*	12.5	11.8	*	12.5	15.9	*
Prostatectomy	9	0.0	1.0	*	0.0	2.5	*	0.0	4.1	*
Cholecystectomy	21	19.0	4.8	*	19.0	9.3	*	23.8	12.7	*
Hysterectomy	8	0.0	2.2	*	0.0	4.7	*	0.0	6.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TRIMONT COMMUNITY HOSPITAL

11 East Chestnut
Trimont, MN 56176

Medicare Provider Number: 240158

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	117	8.5	16.3	6.8	13.7	23.5	9.4	19.7	28.7	9.2
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	36.6	*	50.0	40.5	*	50.0	44.4	*
Congestive Heart Failure	2	50.0	39.4	*	50.0	58.3	*	50.0	68.3	*
Pneumonia/Influenza	23	8.7	24.7	*	8.7	32.3	*	13.0	37.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	13.0	*	0.0	17.3	*	0.0	21.1	*
Hip Fracture	1	0.0	5.0	*	0.0	9.5	*	0.0	12.6	*
Sepsis	2	0.0	35.5	*	0.0	54.4	*	50.0	63.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	3.4	*	0.0	9.1	*	0.0	16.0	*
Cholecystectomy	2	0.0	1.7	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	24
Occupancy Rate	21
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	43
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TRIMONT COMMUNITY HOSPITAL

Medicare Provider Number: 240158

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	126	11.9	18.2	4.1	15.9	25.0	5.2	19.8	29.7	5.6
CONDITIONS:										
Acute Myocardial Infarction	4	75.0	34.6	*	75.0	39.2	*	75.0	44.3	*
Congestive Heart Failure	5	20.0	24.0	*	40.0	32.8	*	40.0	39.6	*
Pneumonia/Influenza	31	16.1	26.4	*	19.4	34.2	*	29.0	39.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.4	*	0.0	3.1	*	0.0	4.8	*
Stroke	6	50.0	43.0	*	66.7	54.9	*	66.7	61.3	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*
Cholecystectomy	2	0.0	2.1	*	0.0	3.0	*	0.0	3.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	126	10.3	16.4	4.4	15.1	22.9	5.0	19.8	27.6	5.4
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	49.4	*	42.9	56.0	*	57.1	59.5	*
Congestive Heart Failure	8	50.0	25.7	*	50.0	35.8	*	50.0	43.9	*
Pneumonia/Influenza	17	11.8	23.6	*	23.5	30.7	*	23.5	36.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	5	0.0	2.1	*	0.0	4.5	*	0.0	7.2	*
Stroke	7	14.3	18.8	*	14.3	25.0	*	28.6	29.5	*
Hip Fracture	1	0.0	3.4	*	0.0	7.2	*	0.0	10.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	2.5	*	0.0	3.7	*	0.0	4.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TRINITY HOSPITAL

Rural Route 1 Box 2120
Baudette, MN 56623

Medicare Provider Number: 240098

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	147	9.5	9.6	2.9	14.3	13.8	2.9	17.0	17.4	3.2
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	42.1	*	50.0	45.4	*	50.0	49.6	*
Congestive Heart Failure	10	20.0	16.2	*	20.0	25.7	*	20.0	33.6	*
Pneumonia/Influenza	22	9.1	14.0	*	9.1	19.1	*	9.1	23.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.8	*	0.0	8.8	*	0.0	12.8	*
Transient Cerebral Ischemia	3	0.0	2.1	*	33.3	5.0	*	33.3	8.2	*
Stroke	6	16.7	19.7	*	16.7	26.2	*	50.0	30.9	*
Hip Fracture	1	0.0	3.5	*	0.0	6.1	*	0.0	7.9	*
Sepsis	1	0.0	20.7	*	0.0	25.3	*	0.0	29.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.1	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	34
Occupancy Rate	24
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TRINITY HOSPITAL

Medicare Provider Number: 240098

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	143	6.3	10.4	5.1	10.5	14.8	5.3	16.1	18.5	4.7
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	30.3	*	18.2	33.1	*	27.3	36.7	*
Congestive Heart Failure	9	0.0	11.0	*	11.1	17.3	*	22.2	23.0	*
Pneumonia/Influenza	15	13.3	19.2	*	26.7	26.0	*	40.0	31.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	0.0	2.1	*	0.0	4.6	*	0.0	7.3	*
Stroke	10	0.0	17.8	*	0.0	23.2	*	10.0	27.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	3.0	*	0.0	5.5	*	0.0	7.2	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	143	7.7	10.2	3.3	11.9	15.2	4.1	17.5	19.4	3.7
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	25.0	*	11.1	28.0	*	11.1	31.5	*
Congestive Heart Failure	14	14.3	17.2	*	21.4	26.7	*	35.7	33.9	*
Pneumonia/Influenza	19	15.8	15.5	*	26.3	21.8	*	26.3	27.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.6	*	0.0	12.1	*	0.0	16.3	*
Transient Cerebral Ischemia	2	0.0	2.8	*	0.0	5.8	*	0.0	9.2	*
Stroke	9	22.2	19.1	*	22.2	25.4	*	22.2	30.3	*
Hip Fracture	0									
Sepsis	1	100.0	16.5	*	100.0	23.8	*	100.0	29.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.3	*	0.0	2.4	*	0.0	3.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TWEETEN LUTHERAN HEALTH CARE CENTER

125 Fifth Ave Southeast
Spring Grove, MN 55974

Medicare Provider Number: 240135

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	27	18.5	10.7	*	25.9	15.8	*	25.9	20.3	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	1	0.0	12.5	*	100.0	19.9	*	100.0	26.3	*
Pneumonia/Influenza	12	33.3	15.6	*	33.3	21.4	*	33.3	26.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	100.0	21.6	*	100.0	28.6	*	100.0	33.8	*
Hip Fracture	1	0.0	7.6	*	100.0	14.4	*	100.0	19.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	89
Occupancy Rate	89
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TWEETEN LUTHERAN HEALTH CARE CENTER

Medicare Provider Number: 240135

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	16	12.5	14.5	*	31.3	22.9	*	31.3	29.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	3	0.0	13.9	*	33.3	23.8	*	33.3	31.8	*
Pneumonia/Influenza	4	0.0	14.3	*	25.0	19.6	*	25.0	23.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	20.6	*	0.0	28.8	*	0.0	34.6	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1	0.0	1.5	*	0.0	3.1	*	0.0	5.1	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNITED DISTRICT HOSPITAL

401 North Prairie Avenue
Staples, MN 56479

Medicare Provider Number: 240144

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	203	8.4	12.5	2.7	11.8	17.9	3.4	15.3	22.2	4.3
CONDITIONS:										
Acute Myocardial Infarction	19	21.1	25.6	*	21.1	29.3	*	26.3	33.1	*
Congestive Heart Failure	6	0.0	12.2	*	0.0	18.2	*	0.0	23.9	*
Pneumonia/Influenza	12	8.3	23.1	*	16.7	31.1	*	25.0	37.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	18.2	*	0.0	35.3	*	0.0	49.4	*
Transient Cerebral Ischemia	2	0.0	3.0	*	0.0	7.4	*	0.0	12.5	*
Stroke	9	44.4	27.3	*	44.4	34.1	*	44.4	39.1	*
Hip Fracture	0									
Sepsis	3	66.7	27.5	*	66.7	35.4	*	66.7	42.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	50.0	1.5	*	50.0	4.0	*	50.0	7.0	*
Cholecystectomy	2	0.0	8.0	*	0.0	15.6	*	0.0	21.7	*
Hysterectomy	2	0.0	2.5	*	0.0	4.4	*	0.0	5.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	40
Ownership/Control	District/Authority

STAFFING:

Medical Residents/Interns	0
Registered Nurses	18
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

UNITED DISTRICT HOSPITAL

Medicare Provider Number: 240144

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	205	10.7	12.5	3.3	14.6	17.9	4.2	17.6	22.0	5.2
CONDITIONS:										
Acute Myocardial Infarction	17	23.5	31.4	*	29.4	35.2	*	29.4	39.2	*
Congestive Heart Failure	12	16.7	15.6	*	33.3	23.1	*	33.3	29.6	*
Pneumonia/Influenza	17	29.4	22.0	*	29.4	28.7	*	41.2	33.9	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	2	50.0	1.8	*	50.0	3.7	*	50.0	5.6	*
Stroke	5	20.0	23.0	*	40.0	29.3	*	40.0	33.4	*
Hip Fracture	0									
Sepsis	3	0.0	24.4	*	0.0	32.5	*	0.0	39.6	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	1.3	*	0.0	3.4	*	0.0	6.0	*
Cholecystectomy	4	0.0	2.1	*	0.0	4.0	*	0.0	5.3	*
Hysterectomy	3	0.0	1.9	*	0.0	3.8	*	0.0	5.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	206	8.7	12.0	3.6	18.0	17.7	2.8	21.8	22.4	3.1
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	31.1	*	35.7	37.9	*	42.9	43.3	*
Congestive Heart Failure	16	6.3	16.9	*	12.5	25.7	*	18.8	33.3	*
Pneumonia/Influenza	7	0.0	13.9	*	14.3	19.2	*	28.6	23.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.5	*	0.0	7.0	*	0.0	10.4	*
Transient Cerebral Ischemia	5	0.0	2.3	*	0.0	5.0	*	0.0	8.0	*
Stroke	11	27.3	31.4	*	45.5	39.7	*	45.5	44.8	*
Hip Fracture	0									
Sepsis	2	0.0	35.7	*	50.0	46.8	*	50.0	55.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.6	*	0.0	4.0	*	0.0	6.9	*
Cholecystectomy	2	50.0	1.8	*	50.0	3.3	*	50.0	4.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNITED HOSPITAL

515 S Moore St
Blue Earth, MN 56013

Medicare Provider Number: 240162

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	386	9.8	10.1	1.9	15.0	15.5	2.9	21.0	19.7	3.8
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	29.4	*	30.8	33.4	*	30.8	37.9	*
Congestive Heart Failure	29	17.2	16.3	*	27.6	25.4	*	34.5	32.2	*
Pneumonia/Influenza	27	18.5	16.6	*	18.5	22.9	*	33.3	27.5	*
Chronic Obstructive Pulmonary Disease	4	25.0	6.4	*	25.0	11.1	*	25.0	15.2	*
Transient Cerebral Ischemia	4	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke	20	25.0	24.6	*	35.0	31.2	*	45.0	36.0	*
Hip Fracture	13	7.7	6.2	*	7.7	11.5	*	15.4	15.1	*
Sepsis	6	33.3	29.9	*	33.3	36.1	*	50.0	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.8	*	0.0	9.0	*	0.0	12.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	12	8.3	5.4	*	8.3	10.6	*	16.7	14.2	*
Prostatectomy	3	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*
Cholecystectomy	6	0.0	0.9	*	0.0	1.4	*	0.0	1.8	*
Hysterectomy	3	0.0	1.4	*	0.0	3.0	*	0.0	4.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	43
Occupancy Rate	40
Ownership/Control	District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	27
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

UNITED HOSPITAL

Medicare Provider Number: 240162

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	382	11.0	10.7	2.1	15.4	15.7	2.2	19.6	19.8	2.3
CONDITIONS:										
Acute Myocardial Infarction	16	56.3	37.0	*	62.5	42.0	*	68.8	46.3	*
Congestive Heart Failure	28	21.4	17.2	*	25.0	26.1	*	32.1	33.2	*
Pneumonia/Influenza	20	10.0	18.6	*	10.0	24.6	*	10.0	29.4	*
Chronic Obstructive Pulmonary Disease	8	12.5	8.1	*	12.5	14.4	*	37.5	20.0	*
Transient Cerebral Ischemia	2	0.0	3.0	*	0.0	7.2	*	0.0	11.8	*
Stroke	12	8.3	23.4	*	16.7	30.9	*	25.0	36.4	*
Hip Fracture	12	8.3	8.6	*	8.3	15.6	*	8.3	19.9	*
Sepsis	7	0.0	21.5	*	0.0	27.0	*	14.3	32.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	6.2	*	0.0	11.1	*	0.0	14.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	10	10.0	6.4	*	10.0	12.5	*	10.0	16.6	*
Prostatectomy	10	0.0	1.0	*	20.0	2.4	*	20.0	4.0	*
Cholecystectomy	6	0.0	1.9	*	16.7	3.4	*	16.7	4.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	381	8.9	10.2	3.1	12.9	14.9	3.3	16.5	18.9	3.3
CONDITIONS:										
Acute Myocardial Infarction	15	40.0	27.4	*	40.0	30.9	*	40.0	34.6	*
Congestive Heart Failure	9	0.0	15.9	*	0.0	24.0	*	11.1	30.8	*
Pneumonia/Influenza	21	9.5	18.3	*	19.0	24.3	*	28.6	29.2	*
Chronic Obstructive Pulmonary Disease	14	7.1	10.7	*	14.3	17.0	*	14.3	22.0	*
Transient Cerebral Ischemia	5	0.0	2.4	*	20.0	5.2	*	20.0	8.4	*
Stroke	15	26.7	30.5	*	26.7	37.2	*	40.0	42.3	*
Hip Fracture	9	11.1	5.6	*	11.1	10.9	*	11.1	14.7	*
Sepsis	5	20.0	35.7	*	40.0	43.4	*	40.0	49.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	2.3	*	0.0	4.9	*	0.0	7.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	8	0.0	4.9	*	0.0	10.1	*	0.0	14.1	*
Prostatectomy	10	0.0	1.3	*	0.0	3.1	*	0.0	5.1	*
Cholecystectomy	8	0.0	2.0	*	0.0	3.6	*	0.0	4.6	*
Hysterectomy	5	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

UNITED HOSPITALS INC

333 North Smith
St Paul, MN 55102

Medicare Provider Number: 240038

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,936	7.6	8.2	0.8	11.7	12.6	0.9	15.0	16.1	0.8
CONDITIONS:										
Acute Myocardial Infarction	86	16.3	27.9	7.7	20.9	31.0	8.0	23.3	34.4	7.7
Congestive Heart Failure	120	11.7	15.9	4.3	25.0	24.8	4.0	32.5	31.9	4.3
Pneumonia/Influenza	73	20.5	18.7	4.8	26.0	25.5	5.3	28.8	30.5	5.9
Chronic Obstructive Pulmonary Disease	16	6.3	6.6	*	12.5	12.0	*	25.0	16.2	*
Transient Cerebral Ischemia	43	2.3	1.8	*	4.7	4.0	*	7.0	6.3	*
Stroke	75	13.3	20.7	8.4	20.0	27.2	8.8	25.3	31.6	7.8
Hip Fracture	81	3.7	6.7	4.0	8.6	12.2	6.1	8.6	16.0	7.3
Sepsis	13	23.1	28.3	*	38.5	39.3	*	38.5	45.6	*
PROCEDURES:										
Angioplasty	32	3.1	3.2	*	3.1	4.3	*	9.4	5.3	*
Coronary Artery Bypass Graft	58	10.3	6.2	4.7	12.1	9.1	4.7	13.8	11.0	4.8
Initial Pacemaker Insertion	28	7.1	3.1	*	7.1	6.1	*	21.4	9.0	*
Carotid Endarterectomy	13	0.0	1.3	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	74	1.4	3.0	2.3	2.7	5.7	4.2	2.7	7.7	5.2
Open Reduction of Hip Fracture	16	6.3	6.0	*	6.3	11.3	*	6.3	14.8	*
Prostatectomy	117	1.7	0.9	1.3	2.6	2.2	1.5	4.3	3.8	1.9
Cholecystectomy	60	3.3	2.7	2.9	8.3	4.9	4.2	8.3	6.6	3.9
Hysterectomy	37	0.0	0.6	*	2.7	1.4	*	5.4	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1984

Total Beds	556
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	8
Registered Nurses	434
Licensed Practical Nurses	67

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

UNITED HOSPITALS INC

Medicare Provider Number: 240038

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,653	8.3	7.8	0.6	12.5	12.2	0.7	16.1	15.7	0.8
CONDITIONS:										
Acute Myocardial Infarction	70	28.6	30.5	7.8	31.4	34.1	6.4	38.6	37.8	5.9
Congestive Heart Failure	113	17.7	17.0	3.8	27.4	25.9	4.3	35.4	33.0	6.3
Pneumonia/Influenza	65	16.9	18.1	5.4	20.0	24.5	7.6	23.1	29.3	8.5
Chronic Obstructive Pulmonary Disease	13	23.1	7.4	*	46.2	13.7	*	53.8	19.2	*
Transient Cerebral Ischemia	49	4.1	2.0	*	8.2	4.4	*	10.2	7.0	*
Stroke	56	21.4	22.9	5.9	30.4	29.5	6.1	33.9	34.0	6.3
Hip Fracture	42	4.8	6.9	*	11.9	12.7	*	16.7	16.5	*
Sepsis	17	11.8	26.9	*	11.8	38.0	*	17.6	45.0	*
PROCEDURE:										
Angioplasty	41	0.0	2.3	*	2.4	3.1	*	4.9	4.1	*
Coronary Artery Bypass Graft	47	10.6	7.4	*	12.8	9.8	*	12.8	11.3	*
Initial Pacemaker Insertion	22	13.6	3.1	*	13.6	5.9	*	13.6	8.4	*
Carotid Endarterectomy	11	0.0	1.5	*	0.0	3.0	*	9.1	4.3	*
Hip Replacement/Reconstruction	55	0.0	2.6	4.2	5.5	5.4	4.9	10.9	7.6	6.0
Open Reduction of Hip Fracture	9	11.1	5.4	*	11.1	10.1	*	11.1	13.3	*
Prostatectomy	110	0.0	0.9	1.2	0.0	2.3	2.2	0.9	3.9	2.7
Cholecystectomy	44	0.0	3.0	*	2.3	6.3	*	9.1	9.1	*
Hysterectomy	27	0.0	0.9	*	0.0	2.0	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,517	8.1	8.6	0.7	12.7	13.2	1.0	16.2	16.8	0.9
CONDITIONS:										
Acute Myocardial Infarction	61	37.7	31.5	7.3	42.6	34.8	8.0	49.2	38.3	9.2
Congestive Heart Failure	88	25.0	16.4	7.3	34.1	24.6	7.9	37.5	31.5	7.2
Pneumonia/Influenza	84	15.5	18.9	5.7	21.4	25.3	8.8	23.8	30.3	10.1
Chronic Obstructive Pulmonary Disease	15	0.0	8.2	*	13.3	13.2	*	13.3	17.3	*
Transient Cerebral Ischemia	33	0.0	2.4	*	0.0	5.3	*	0.0	8.2	*
Stroke	81	21.0	24.2	6.3	28.4	31.4	9.3	29.6	36.1	10.1
Hip Fracture	59	6.8	6.7	4.1	10.2	12.2	6.1	11.9	15.8	8.1
Sepsis	12	16.7	24.6	*	33.3	31.8	*	33.3	37.8	*
PROCEDURES:										
Angioplasty	31	0.0	2.5	*	0.0	3.3	*	0.0	4.3	*
Coronary Artery Bypass Graft	59	8.5	6.2	3.7	11.9	8.2	5.1	11.9	9.4	5.5
Initial Pacemaker Insertion	15	0.0	3.0	*	6.7	6.2	*	20.0	9.2	*
Carotid Endarterectomy	12	0.0	1.5	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	44	2.3	3.6	*	4.5	7.3	*	4.5	10.1	*
Open Reduction of Hip Fracture	7	0.0	4.3	*	0.0	8.2	*	0.0	10.9	*
Prostatectomy	88	0.0	0.9	*	0.0	2.2	*	0.0	3.7	*
Cholecystectomy	53	1.9	3.5	3.8	3.8	5.8	5.3	3.8	7.6	5.7
Hysterectomy	26	0.0	1.0	*	0.0	2.1	*	0.0	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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297.2

333 N. Smith Avenue
Saint Paul, MN 55102
612-220-8000

United Hospital

A **Health One** Hospital

MEDICARE PROVIDER #24-0038

UNITED HOSPITAL
ST. PAUL, MINNESOTA
COMMENTS ON HCFA MORTALITY DATA

United Hospital is a 556 licensed bed acute care facility which operated 367 beds in 1989. There are 250 active medical staff, 92% of whom are Board Certified within their specialties. United Hospital's overall and individual mortality rates fall within HCFA's range of predicted mortality rates.

United Hospital, a regional referral center, has a variety of specialty services. Among these are cardiology (including open heart surgery), oncology, orthopedics, rehabilitation, acute and episodic renal dialysis and hospice beds. Our association with the adjacent St. Paul Heart and Lung facility results in a significant number of high severity cardiology and pulmonary admissions, many of which are in end-stage disease processes.

United Hospital has an effective Quality Assurance Program which includes strong physician peer review.

UNIVERSITY OF MN HOSPITAL & CLINIC

Harvard at East River Rd, Box 604
Minneapolis, MN 55455

Medicare Provider Number: 240049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,409	5.0	5.7	0.7	8.7	9.9	0.7	12.2	13.3	0.8
CONDITIONS:										
Acute Myocardial Infarction	10	40.0	31.9	*	50.0	34.8	*	50.0	38.1	*
Congestive Heart Failure	31	12.9	13.4	*	25.8	22.5	*	29.0	30.0	*
Pneumonia/Influenza	22	22.7	16.6	*	22.7	22.7	*	31.8	26.5	*
Chronic Obstructive Pulmonary Disease	10	0.0	8.3	*	0.0	12.6	*	0.0	16.5	*
Transient Cerebral Ischemia	11	9.1	1.5	*	9.1	2.9	*	9.1	4.2	*
Stroke	31	16.1	22.2	*	19.4	28.9	*	22.6	33.5	*
Hip Fracture	7	0.0	7.0	*	14.3	11.8	*	14.3	15.0	*
Sepsis	12	8.3	20.4	*	33.3	28.9	*	33.3	35.0	*
PROCEDURES:										
Angioplasty	59	1.7	1.6	1.7	1.7	2.4	2.1	1.7	3.3	2.7
Coronary Artery Bypass Graft	67	7.5	5.3	3.5	13.4	8.0	6.4	14.9	9.9	8.2
Initial Pacemaker Insertion	13	0.0	1.8	*	7.7	3.9	*	7.7	6.0	*
Carotid Endarterectomy	4	0.0	1.2	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	30	0.0	1.4	*	0.0	2.7	*	6.7	4.0	*
Open Reduction of Hip Fracture	3	0.0	7.1	*	0.0	12.7	*	0.0	16.7	*
Prostatectomy	43	0.0	0.7	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy	16	12.5	4.6	*	12.5	9.9	*	25.0	14.6	*
Hysterectomy	27	0.0	1.6	*	3.7	3.9	*	7.4	6.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	578
Occupancy Rate	75
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	479
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	0
Registered Nurses	1,300
Licensed Practical Nurses	56

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

UNIVERSITY OF MN HOSPITAL & CLINIC

Medicare Provider Number: 240049

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,494	4.8	5.8	0.6	9.0	10.1	0.8	12.3	13.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	16	37.5	34.0	*	37.5	38.0	*	62.5	42.1	*
Congestive Heart Failure	33	12.1	14.3	*	15.2	23.1	*	27.3	30.3	*
Pneumonia/Influenza	20	35.0	20.9	*	45.0	28.8	*	45.0	34.4	*
Chronic Obstructive Pulmonary Disease	8	37.5	12.3	*	37.5	18.0	*	37.5	23.2	*
Transient Cerebral Ischemia	22	4.5	1.9	*	4.5	4.0	*	4.5	6.1	*
Stroke	15	6.7	26.1	*	26.7	30.9	*	26.7	35.0	*
Hip Fracture	5	20.0	10.3	*	20.0	19.2	*	20.0	24.9	*
Sepsis	10	30.0	27.6	*	30.0	41.8	*	40.0	52.0	*
PROCEDURES:										
Angioplasty	46	2.2	2.0	*	2.2	2.9	*	2.2	4.0	*
Coronary Artery Bypass Graft	140	12.9	5.8	3.0	17.1	8.2	3.9	19.3	9.7	4.1
Initial Pacemaker Insertion	11	0.0	1.9	*	0.0	3.7	*	0.0	5.6	*
Carotid Endarterectomy	6	0.0	1.5	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	39	0.0	0.9	*	2.6	1.6	*	2.6	2.2	*
Open Reduction of Hip Fracture	3	33.3	11.4	*	33.3	22.3	*	33.3	29.6	*
Prostatectomy	51	3.9	1.1	2.4	3.9	2.6	2.6	3.9	4.3	3.4
Cholecystectomy	12	0.0	5.2	*	8.3	10.9	*	25.0	15.8	*
Hysterectomy	30	0.0	2.0	*	3.3	4.3	*	3.3	6.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,338	4.5	5.9	0.6	8.5	10.4	0.8	11.6	13.9	1.0
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	32.1	*	33.3	37.5	*	41.7	41.5	*
Congestive Heart Failure	27	29.6	17.6	*	40.7	27.1	*	48.1	34.5	*
Pneumonia/Influenza	18	22.2	14.6	*	22.2	20.6	*	27.8	25.0	*
Chronic Obstructive Pulmonary Disease	5	20.0	3.9	*	20.0	7.9	*	40.0	11.6	*
Transient Cerebral Ischemia	17	5.9	1.8	*	5.9	3.7	*	5.9	5.5	*
Stroke	18	5.6	20.8	*	11.1	26.4	*	11.1	30.6	*
Hip Fracture	4	0.0	8.3	*	0.0	14.8	*	25.0	19.0	*
Sepsis	5	0.0	26.9	*	0.0	40.7	*	20.0	48.2	*
PROCEDURES:										
Angioplasty	30	6.7	3.7	*	6.7	5.5	*	6.7	6.9	*
Coronary Artery Bypass Graft	108	5.6	5.2	2.9	11.1	7.3	4.6	12.0	8.6	5.5
Initial Pacemaker Insertion	10	10.0	6.8	*	20.0	12.4	*	20.0	16.2	*
Carotid Endarterectomy	7	0.0	1.4	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	28	0.0	1.0	*	0.0	1.9	*	0.0	2.6	*
Open Reduction of Hip Fracture	3	0.0	5.9	*	0.0	10.7	*	33.3	13.6	*
Prostatectomy	47	0.0	1.3	*	2.1	3.4	*	2.1	5.9	*
Cholecystectomy	15	0.0	5.1	*	0.0	10.6	*	6.7	14.7	*
Hysterectomy	22	4.5	1.6	*	9.1	3.5	*	9.1	5.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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UNIVERSITY OF MINNESOTA
TWIN CITIES

The University of Minnesota Hospital and Clinic
Harvard Street at East River Road
Minneapolis, Minnesota 55455

January 9, 1991

HOSPITAL I.D.: 240049

Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Mrs. Sandra Kappert

We appreciate the opportunity to review The University of Minnesota Hospital and Clinic's (UMHC's) 1989 mortality data for Medicare patients prior to publication.

All deaths which occur during hospitalization are reviewed by the appropriate medical staff as a part of UMHC's quality assurance program. This means that 100% of the 11 deaths identified in the Angioplasty and Coronary Artery Bypass Graft categories, 74% of the 54 deaths identified in all of the Condition and Procedure categories displayed, and 46% of the total of 295 deaths identified in this report for FY 1989 have been reviewed through that process. Of the 159 deaths which occurred elsewhere, 30% had been transferred to skilled nursing facilities and 13% had been transferred to other health care facilities upon their last discharge from UMHC.

The data displayed for two hospital characteristics provides a misleading representation of this hospital. This inaccurate picture is due to the structure of the questions on the AHA Annual Survey from which these characteristics have been extracted. The accurate representation for these characteristics are:

A. Staffing: Medical Residents/Interns
UMHC is a university, teaching hospital. There were 347 residents and interns providing patient care services during 1989. Because they were paid stipends by the University and not carried on the hospital's payroll, they could not be reported on the AHA Survey.

B. Specialty Services: Cardiac Intensive Care
UMHC's cardiac intensive care unit is physically a section of a medical intensive care unit. Consequently, it could not be separately identified on the AHA Survey. Functionally, UMHC does have a distinct cardiac intensive care unit with its own medical director.

We welcome HCFA's continuing efforts to refine the analysis and reporting of the data. However, the significant mortality rate fluctuations that have occurred as rates for prior years have been recalculated based on revised analytic techniques highlight the fact that this data is still a very crude and unreliable basis for the public to assess the quality of care delivered.

Sincerely yours,

Robert Dickler
General Director

VIRGINIA REGIONAL MEDICAL CENTER

901 9th St N
Virginia, MN 55792

Medicare Provider Number: 240084

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,012	11.2	9.5	1.2	15.1	13.9	1.3	17.6	17.5	1.2
CONDITIONS:										
Acute Myocardial Infarction	53	24.5	25.1	6.0	26.4	28.6	6.9	28.3	32.2	9.0
Congestive Heart Failure	38	26.3	14.5	*	31.6	22.8	*	42.1	29.7	*
Pneumonia/Influenza	27	7.4	13.4	*	11.1	18.6	*	18.5	23.0	*
Chronic Obstructive Pulmonary Disease	10	30.0	8.1	*	30.0	13.5	*	30.0	18.4	*
Transient Cerebral Ischemia	13	0.0	2.0	*	0.0	4.5	*	7.7	7.3	*
Stroke	44	34.1	22.6	*	40.9	28.2	*	45.5	32.5	*
Hip Fracture	39	5.1	5.2	*	5.1	9.8	*	7.7	13.1	*
Sepsis	16	12.5	29.9	*	18.8	37.5	*	31.3	45.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	5.3	*	0.0	10.4	*	0.0	14.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	29	3.4	2.3	*	3.4	4.7	*	3.4	6.6	*
Open Reduction of Hip Fracture	21	4.8	5.0	*	4.8	9.7	*	9.5	13.1	*
Prostatectomy	104	1.9	1.0	1.3	3.8	2.5	1.9	4.8	4.1	2.4
Cholecystectomy	36	0.0	3.6	*	5.6	7.0	*	8.3	9.7	*
Hysterectomy	7	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	199
Occupancy Rate	77
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	35
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	78
Licensed Practical Nurses	34

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	Yes

**** Not used in calculating hospital mortality rates.**

VIRGINIA REGIONAL MEDICAL CENTER

Medicare Provider Number: 240084

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	886	13.1	9.3	1.6	17.3	13.5	1.7	19.5	17.0	1.5
CONDITIONS:										
Acute Myocardial Infarction	42	28.6	30.1	*	31.0	33.7	*	35.7	37.8	*
Congestive Heart Failure	31	19.4	15.2	*	29.0	22.2	*	32.3	28.3	*
Pneumonia/Influenza	20	20.0	16.6	*	30.0	22.7	*	35.0	27.5	*
Chronic Obstructive Pulmonary Disease	14	7.1	7.9	*	7.1	13.4	*	7.1	18.3	*
Transient Cerebral Ischemia	9	0.0	1.9	*	11.1	4.1	*	11.1	6.4	*
Stroke	31	45.2	19.3	*	48.4	24.7	*	51.6	29.0	*
Hip Fracture	39	20.5	7.1	*	20.5	13.1	*	20.5	17.0	*
Sepsis	15	40.0	27.9	*	40.0	34.8	*	46.7	42.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	4.1	*	0.0	6.9	*	0.0	9.6	*
Carotid Endarterectomy	1	0.0	2.1	*	0.0	3.8	*	0.0	5.3	*
Hip Replacement/Reconstruction	19	10.5	5.7	*	10.5	11.4	*	10.5	15.2	*
Open Reduction of Hip Fracture	24	20.8	6.2	*	20.8	12.1	*	20.8	16.1	*
Prostatectomy	65	1.5	1.0	1.9	1.5	2.5	3.6	6.2	4.2	3.8
Cholecystectomy	21	9.5	3.8	*	9.5	6.9	*	9.5	9.1	*
Hysterectomy	8	0.0	2.4	*	12.5	5.2	*	12.5	7.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	916	10.0	9.0	1.0	16.0	13.2	2.2	18.6	16.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	40	22.5	26.3	*	27.5	29.3	*	30.0	32.9	*
Congestive Heart Failure	50	14.0	15.7	*	28.0	23.0	*	30.0	29.3	*
Pneumonia/Influenza	31	9.7	16.6	*	12.9	22.2	*	12.9	26.8	*
Chronic Obstructive Pulmonary Disease	10	20.0	7.9	*	40.0	14.0	*	40.0	19.0	*
Transient Cerebral Ischemia	12	0.0	2.0	*	8.3	4.2	*	8.3	6.7	*
Stroke	31	19.4	22.8	*	38.7	29.6	*	38.7	34.4	*
Hip Fracture	28	7.1	5.6	*	10.7	9.7	*	21.4	12.5	*
Sepsis	7	14.3	32.0	*	28.6	37.8	*	28.6	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	10.0	3.4	*	10.0	6.0	*	10.0	8.6	*
Carotid Endarterectomy	1	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Hip Replacement/Reconstruction	26	3.8	2.6	*	3.8	4.7	*	11.5	6.3	*
Open Reduction of Hip Fracture	10	0.0	7.1	*	10.0	13.0	*	20.0	16.5	*
Prostatectomy	72	0.0	1.0	1.8	2.8	2.3	2.0	2.8	3.7	3.1
Cholecystectomy	29	3.4	3.0	*	3.4	5.1	*	3.4	6.6	*
Hysterectomy	7	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WACONIA RIDGEVIEW HOSPITAL

500 S Maple St
Waconia, MN 55387

Medicare Provider Number: 240056

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,091	9.8	9.5	1.1	14.4	14.2	1.1	17.2	17.8	1.3
CONDITIONS:										
Acute Myocardial Infarction	44	25.0	28.3	*	29.5	31.8	*	29.5	35.3	*
Congestive Heart Failure	58	22.4	16.4	6.2	32.8	25.1	7.2	43.1	32.3	8.9
Pneumonia/Influenza	36	16.7	18.0	*	30.6	24.8	*	30.6	29.9	*
Chronic Obstructive Pulmonary Disease	10	0.0	5.9	*	0.0	10.4	*	0.0	14.8	*
Transient Cerebral Ischemia	25	0.0	3.3	*	8.0	7.2	*	8.0	10.9	*
Stroke	53	22.6	23.1	5.8	26.4	29.0	6.6	26.4	33.7	9.5
Hip Fracture	51	5.9	5.6	3.6	9.8	10.2	4.7	9.8	13.4	5.6
Sepsis	18	16.7	26.2	*	22.2	34.8	*	27.8	41.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	7.3	*	0.0	11.7	*	25.0	14.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	56	1.8	1.6	2.4	3.6	2.9	2.9	5.4	4.0	3.5
Open Reduction of Hip Fracture	32	6.3	5.4	*	9.4	10.4	*	9.4	13.8	*
Prostatectomy	27	0.0	1.5	*	3.7	3.6	*	7.4	5.7	*
Cholecystectomy	23	0.0	2.1	*	0.0	4.4	*	4.3	6.4	*
Hysterectomy	11	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	97
Occupancy Rate	50
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	68
Percent of Physicians Board Certified Specialists	97
Medical Residents/Interns	0
Registered Nurses	101
Licensed Practical Nurses	21

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WACONIA RIDGEVIEW HOSPITAL

Medicare Provider Number: 240056

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	761	8.0	9.3	1.3	12.0	14.1	1.8	15.9	17.8	2.1
CONDITIONS:										
Acute Myocardial Infarction	22	22.7	24.4	*	22.7	27.7	*	27.3	31.3	*
Congestive Heart Failure	40	20.0	18.8	*	27.5	28.5	*	40.0	36.1	*
Pneumonia/Influenza	41	12.2	20.0	*	19.5	27.1	*	22.0	32.2	*
Chronic Obstructive Pulmonary Disease	5	0.0	11.0	*	0.0	19.2	*	20.0	26.5	*
Transient Cerebral Ischemia	13	0.0	2.5	*	0.0	5.6	*	7.7	8.9	*
Stroke	34	29.4	24.2	*	29.4	30.6	*	32.4	35.3	*
Hip Fracture	32	3.1	7.1	*	6.3	12.8	*	6.3	16.3	*
Sepsis	6	50.0	31.0	*	50.0	41.1	*	66.7	47.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	14.0	*	0.0	18.4	*	16.7	22.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	45	0.0	2.5	*	2.2	4.7	*	2.2	6.1	*
Open Reduction of Hip Fracture	13	7.7	7.4	*	7.7	13.8	*	7.7	17.9	*
Prostatectomy	25	0.0	1.3	*	4.0	3.3	*	4.0	5.4	*
Cholecystectomy	16	0.0	2.1	*	0.0	4.0	*	6.3	5.5	*
Hysterectomy	7	0.0	1.2	*	0.0	2.4	*	14.3	3.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	642	9.7	9.7	1.3	14.6	14.6	1.4	18.5	18.4	1.5
CONDITIONS:										
Acute Myocardial Infarction	24	25.0	28.0	*	29.2	31.9	*	33.3	35.4	*
Congestive Heart Failure	33	21.2	17.2	*	30.3	25.1	*	36.4	31.8	*
Pneumonia/Influenza	38	13.2	17.5	*	15.8	24.0	*	21.1	29.3	*
Chronic Obstructive Pulmonary Disease	6	0.0	9.3	*	0.0	15.0	*	0.0	19.2	*
Transient Cerebral Ischemia	9	0.0	2.5	*	11.1	5.7	*	22.2	9.3	*
Stroke	26	23.1	23.3	*	30.8	30.7	*	38.5	35.8	*
Hip Fracture	32	6.3	6.7	*	12.5	12.5	*	15.6	16.3	*
Sepsis	2	50.0	27.1	*	50.0	36.6	*	50.0	42.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	9.1	4.5	*	9.1	8.5	*	9.1	12.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	27	3.7	3.0	*	3.7	6.0	*	3.7	8.1	*
Open Reduction of Hip Fracture	19	5.3	5.7	*	15.8	11.1	*	15.8	14.8	*
Prostatectomy	22	4.5	1.4	*	4.5	3.4	*	4.5	5.5	*
Cholecystectomy	10	10.0	5.1	*	10.0	10.1	*	20.0	14.0	*
Hysterectomy	3	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WARREN COMMUNITY HOSPITAL

109 South Minnesota Street
Warren, MN 56762

Medicare Provider Number: 240085

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	138	13.0	11.7	3.0	16.7	16.7	3.2	17.4	21.0	4.5
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	28.7	*	37.5	33.3	*	37.5	37.7	*
Congestive Heart Failure	10	10.0	14.2	*	10.0	22.1	*	10.0	28.8	*
Pneumonia/Influenza	13	0.0	13.1	*	0.0	18.1	*	0.0	22.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	12.2	*	0.0	20.6	*	0.0	27.0	*
Transient Cerebral Ischemia	3	0.0	2.2	*	0.0	5.1	*	0.0	8.3	*
Stroke	15	53.3	24.4	*	53.3	31.8	*	60.0	37.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	41
Occupancy Rate	15
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WARREN COMMUNITY HOSPITAL

Medicare Provider Number: 240085

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	165	17.0	11.2	4.1	22.4	15.8	4.4	24.2	19.8	4.5
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	30.5	*	42.9	33.2	*	42.9	36.6	*
Congestive Heart Failure	9	0.0	16.4	*	11.1	26.3	*	11.1	34.2	*
Pneumonia/Influenza	16	18.8	16.1	*	25.0	21.1	*	31.3	25.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.9	*	0.0	9.9	*	0.0	13.8	*
Transient Cerebral Ischemia	9	11.1	3.1	*	22.2	6.8	*	22.2	11.0	*
Stroke	16	37.5	24.6	*	43.8	31.6	*	50.0	36.9	*
Hip Fracture	0									
Sepsis	2	50.0	27.3	*	50.0	32.7	*	50.0	38.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	132	12.1	9.6	3.9	16.7	14.6	4.1	22.0	18.8	4.7
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	33.2	*	50.0	36.2	*	50.0	39.9	*
Congestive Heart Failure	6	16.7	18.4	*	33.3	29.0	*	66.7	37.0	*
Pneumonia/Influenza	8	12.5	11.6	*	12.5	15.8	*	12.5	19.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	10.8	*	0.0	17.8	*	0.0	22.6	*
Transient Cerebral Ischemia	4	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke	11	9.1	22.3	*	18.2	28.7	*	18.2	33.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	1	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WASECA AREA MEMORIAL HOSPITAL

100 5th Ave NW
Waseca, MN 56093

Medicare Provider Number: 240146

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	159	8.8	11.1	4.1	11.9	15.7	4.3	14.5	19.7	3.9
CONDITIONS:										
Acute Myocardial Infarction	6	0.0	39.3	*	0.0	43.3	*	16.7	47.7	*
Congestive Heart Failure	14	14.3	17.5	*	35.7	27.2	*	35.7	34.6	*
Pneumonia/Influenza	11	9.1	15.6	*	18.2	21.1	*	18.2	25.7	*
Chronic Obstructive Pulmonary Disease	7	14.3	8.4	*	14.3	15.2	*	14.3	20.7	*
Transient Cerebral Ischemia	1	0.0	5.6	*	0.0	14.5	*	0.0	24.3	*
Stroke	15	6.7	18.9	*	6.7	23.8	*	6.7	27.9	*
Hip Fracture	1	100.0	19.3	*	100.0	39.7	*	100.0	54.2	*
Sepsis	1	0.0	19.5	*	0.0	24.8	*	0.0	29.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.5	*	0.0	4.1	*	0.0	7.1	*
Cholecystectomy	3	0.0	1.9	*	0.0	3.0	*	0.0	3.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	19
Occupancy Rate	37
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WASECA AREA MEMORIAL HOSPITAL

Medicare Provider Number: 240146

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	180	10.0	10.5	3.1	12.2	15.0	3.6	15.0	18.7	3.8
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	33.4	*	21.4	36.6	*	28.6	40.4	*
Congestive Heart Failure	11	27.3	13.1	*	36.4	19.9	*	45.5	25.9	*
Pneumonia/Influenza	11	27.3	18.4	*	36.4	25.2	*	45.5	30.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.8	*	0.0	16.2	*	33.3	22.7	*
Transient Cerebral Ischemia	0									
Stroke	6	33.3	29.1	*	66.7	38.0	*	66.7	43.6	*
Hip Fracture	2	0.0	4.8	*	0.0	9.6	*	0.0	12.3	*
Sepsis	1	0.0	18.2	*	0.0	23.1	*	0.0	27.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	4.5	*	0.0	9.3	*	0.0	12.3	*
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	7	0.0	3.8	*	0.0	7.2	*	14.3	9.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	169	7.7	9.9	3.3	13.0	14.3	4.4	15.4	18.0	3.5
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	25.6	*	28.6	28.8	*	28.6	32.2	*
Congestive Heart Failure	10	10.0	18.0	*	20.0	28.1	*	20.0	35.9	*
Pneumonia/Influenza	11	18.2	15.1	*	18.2	20.0	*	27.3	24.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.1	*	0.0	12.5	*	0.0	16.9	*
Transient Cerebral Ischemia	2	0.0	2.8	*	0.0	6.6	*	0.0	10.7	*
Stroke	7	14.3	23.9	*	14.3	29.8	*	14.3	34.3	*
Hip Fracture	1	0.0	19.0	*	0.0	36.2	*	0.0	48.4	*
Sepsis	2	0.0	32.9	*	0.0	37.8	*	0.0	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	0.7	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy	7	0.0	4.7	*	0.0	8.9	*	0.0	12.1	*
Hysterectomy	1	0.0	0.8	*	0.0	1.5	*	0.0	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WATONWAN MEMORIAL HOSPITAL

1207 6th Avenue South
St James, MN 56081

Medicare Provider Number: 240157

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	161	9.3	9.7	5.3	13.0	14.5	5.7	16.8	18.5	4.6
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	31.3	*	42.9	34.4	*	57.1	38.2	*
Congestive Heart Failure	15	6.7	13.5	*	26.7	20.9	*	40.0	27.5	*
Pneumonia/Influenza	9	22.2	18.7	*	33.3	25.2	*	33.3	30.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.4	*	0.0	14.3	*	0.0	20.2	*
Transient Cerebral Ischemia	2	0.0	3.0	*	0.0	6.6	*	0.0	10.8	*
Stroke	9	11.1	18.3	*	11.1	24.3	*	22.2	28.8	*
Hip Fracture	1	0.0	2.3	*	0.0	4.5	*	0.0	6.3	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.8	*	0.0	8.6	*	100.0	12.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.1	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	31
Occupancy Rate	23
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WATONWAN MEMORIAL HOSPITAL

Medicare Provider Number: 240157

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	177	18.1	13.1	4.0	26.6	19.3	3.7	27.1	23.8	3.7
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	26.0	*	33.3	28.4	*	33.3	31.3	*
Congestive Heart Failure	11	27.3	17.0	*	45.5	25.5	*	54.5	32.3	*
Pneumonia/Influenza	10	40.0	23.5	*	40.0	30.7	*	40.0	35.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.2	*	0.0	7.8	*	0.0	11.1	*
Transient Cerebral Ischemia	6	0.0	2.7	*	0.0	6.4	*	0.0	10.3	*
Stroke	10	20.0	25.0	*	30.0	32.0	*	30.0	37.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	12	25.0	4.1	*	25.0	7.7	*	25.0	10.0	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	173	17.3	13.0	4.5	22.0	19.0	4.7	27.7	23.2	5.0
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	39.6	*	60.0	43.6	*	60.0	47.1	*
Congestive Heart Failure	11	9.1	18.9	*	9.1	28.9	*	9.1	36.7	*
Pneumonia/Influenza	14	21.4	19.1	*	42.9	26.2	*	42.9	31.4	*
Chronic Obstructive Pulmonary Disease	3	33.3	14.2	*	33.3	22.4	*	66.7	28.1	*
Transient Cerebral Ischemia	7	14.3	3.0	*	14.3	6.6	*	28.6	10.3	*
Stroke	5	20.0	18.6	*	20.0	26.4	*	40.0	31.1	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	7	28.6	7.6	*	28.6	14.8	*	42.9	19.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WEINER MEMORIAL MEDICAL CENTER

300 South Bruce Street
Marshall, MN 56258

Medicare Provider Number: 240007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	375	6.9	9.1	2.0	11.5	13.3	2.2	15.7	16.8	2.1
CONDITIONS:										
Acute Myocardial Infarction	23	21.7	28.6	*	21.7	31.8	*	26.1	35.3	*
Congestive Heart Failure	30	3.3	14.7	*	16.7	22.9	*	30.0	29.9	*
Pneumonia/Influenza	19	10.5	13.7	*	10.5	18.8	*	15.8	23.1	*
Chronic Obstructive Pulmonary Disease	8	25.0	7.2	*	37.5	13.0	*	50.0	18.1	*
Transient Cerebral Ischemia	4	0.0	1.9	*	0.0	4.3	*	0.0	7.0	*
Stroke	20	25.0	18.0	*	25.0	23.5	*	30.0	27.9	*
Hip Fracture	11	0.0	4.3	*	0.0	8.1	*	0.0	10.8	*
Sepsis	11	18.2	22.1	*	18.2	28.1	*	18.2	33.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	2.8	*	0.0	5.6	*	0.0	7.8	*
Open Reduction of Hip Fracture	1	0.0	8.1	*	0.0	14.7	*	0.0	18.6	*
Prostatectomy	26	0.0	1.0	*	0.0	2.3	*	3.8	4.0	*
Cholecystectomy	8	0.0	2.1	*	0.0	3.6	*	12.5	4.7	*
Hysterectomy	5	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	98
Occupancy Rate	97
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	95
Medical Residents/Interns	0
Registered Nurses	31
Licensed Practical Nurses	23

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WEINER MEMORIAL MEDICAL CENTER

Medicare Provider Number: 240007

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	362	9.9	9.4	1.9	13.3	13.3	2.3	15.7	16.6	2.2
CONDITIONS:										
Acute Myocardial Infarction	23	43.5	31.8	*	43.5	34.7	*	47.8	38.3	*
Congestive Heart Failure	15	6.7	15.3	*	13.3	24.1	*	20.0	31.1	*
Pneumonia/Influenza	19	15.8	16.6	*	15.8	22.6	*	21.1	27.4	*
Chronic Obstructive Pulmonary Disease	6	0.0	7.9	*	16.7	15.1	*	16.7	22.1	*
Transient Cerebral Ischemia	4	0.0	2.3	*	0.0	4.7	*	0.0	7.3	*
Stroke	14	14.3	18.7	*	21.4	24.5	*	28.6	29.1	*
Hip Fracture	6	0.0	5.2	*	0.0	10.3	*	0.0	13.9	*
Sepsis	4	0.0	24.4	*	0.0	29.4	*	0.0	33.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	3.2	*	0.0	6.8	*	0.0	9.5	*
Open Reduction of Hip Fracture	0									
Prostatectomy	19	0.0	1.0	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy	14	7.1	1.8	*	7.1	3.2	*	7.1	4.1	*
Hysterectomy	2	0.0	0.6	*	0.0	1.0	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	334	8.1	9.9	2.4	12.0	14.4	2.8	16.8	18.1	2.4
CONDITIONS:										
Acute Myocardial Infarction	22	22.7	31.5	*	22.7	34.5	*	27.3	37.9	*
Congestive Heart Failure	24	12.5	14.8	*	29.2	22.3	*	37.5	28.6	*
Pneumonia/Influenza	18	11.1	17.4	*	11.1	23.8	*	16.7	28.7	*
Chronic Obstructive Pulmonary Disease	4	0.0	12.5	*	25.0	20.2	*	25.0	25.9	*
Transient Cerebral Ischemia	11	0.0	1.8	*	0.0	3.9	*	0.0	6.3	*
Stroke	14	42.9	21.4	*	42.9	27.4	*	42.9	32.1	*
Hip Fracture	12	16.7	6.0	*	16.7	11.0	*	16.7	14.2	*
Sepsis	6	16.7	23.6	*	50.0	30.3	*	50.0	35.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	2.9	*	0.0	6.0	*	0.0	8.3	*
Open Reduction of Hip Fracture	3	66.7	11.0	*	66.7	20.6	*	66.7	26.1	*
Prostatectomy	17	0.0	1.2	*	0.0	2.9	*	0.0	4.8	*
Cholecystectomy	6	0.0	1.5	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy	4	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WELLS HOSPITAL

400 Fourth Avenue Southwest
Wells, MN 56097

Medicare Provider Number: 240136

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	113	11.5	9.9	3.8	15.0	14.6	3.6	16.8	18.5	4.0
CONDITIONS:										
Acute Myocardial Infarction	6	0.0	31.3	*	0.0	34.8	*	0.0	39.0	*
Congestive Heart Failure	8	50.0	12.4	*	50.0	20.2	*	50.0	26.8	*
Pneumonia/Influenza	24	12.5	16.1	*	16.7	22.4	*	20.8	27.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	100.0	24.2	*	100.0	31.1	*	100.0	36.6	*
Hip Fracture	0									
Sepsis	1	0.0	36.8	*	0.0	42.5	*	0.0	48.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	2.3	*	0.0	3.2	*	0.0	4.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	89
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WELLS HOSPITAL

Medicare Provider Number: 240136

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	111	7.2	10.2	3.9	9.9	15.3	5.9	13.5	19.2	6.9
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	18.4	*	14.3	21.4	*	14.3	24.6	*
Congestive Heart Failure	5	0.0	14.7	*	0.0	22.0	*	0.0	28.2	*
Pneumonia/Influenza	13	7.7	15.2	*	15.4	21.3	*	15.4	25.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	3.5	*	0.0	5.3	*
Stroke	12	0.0	17.8	*	8.3	25.8	*	25.0	31.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	108	12.0	10.1	3.1	15.7	15.9	3.5	20.4	20.4	4.0
CONDITIONS:										
Acute Myocardial Infarction	7	0.0	20.6	*	0.0	23.3	*	0.0	26.3	*
Congestive Heart Failure	7	14.3	19.7	*	28.6	32.4	*	42.9	41.9	*
Pneumonia/Influenza	15	13.3	18.2	*	13.3	25.9	*	20.0	31.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	19.3	*	0.0	29.9	*	0.0	36.9	*
Transient Cerebral Ischemia	0									
Stroke	4	50.0	17.1	*	50.0	23.7	*	50.0	28.5	*
Hip Fracture	0									
Sepsis	1	0.0	9.6	*	0.0	14.6	*	0.0	19.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.8	*	20.0	3.1	*	20.0	3.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WHEATON COMMUNITY HOSPITAL

401 12th Street North
Wheaton, MN 56296

Medicare Provider Number: 240112

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	217	10.1	12.0	3.7	14.3	17.6	4.8	19.8	21.8	4.1
CONDITIONS:										
Acute Myocardial Infarction	12	16.7	34.0	*	16.7	39.4	*	25.0	44.0	*
Congestive Heart Failure	10	10.0	16.9	*	30.0	27.1	*	40.0	35.4	*
Pneumonia/Influenza	27	18.5	16.7	*	22.2	22.9	*	29.6	28.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.7	*	0.0	12.3	*	0.0	18.5	*
Transient Cerebral Ischemia	5	0.0	2.0	*	0.0	4.5	*	0.0	7.3	*
Stroke	9	22.2	19.4	*	22.2	25.4	*	22.2	30.0	*
Hip Fracture	3	0.0	5.7	*	0.0	10.5	*	33.3	13.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.8	*	0.0	10.4	*	0.0	16.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.3	*	0.0	7.0	*	0.0	10.1	*
Open Reduction of Hip Fracture	2	0.0	5.8	*	0.0	11.0	*	50.0	14.4	*
Prostatectomy	7	0.0	1.1	*	0.0	2.5	*	0.0	4.3	*
Cholecystectomy	3	0.0	1.9	*	0.0	3.3	*	0.0	4.4	*
Hysterectomy	3	0.0	1.3	*	0.0	3.1	*	0.0	4.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	35
Occupancy Rate	29
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WHEATON COMMUNITY HOSPITAL

Medicare Provider Number: 240112

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	220	11.4	9.8	2.1	14.5	15.2	2.6	15.9	19.6	2.9
CONDITIONS:										
Acute Myocardial Infarction	8	62.5	37.8	*	62.5	41.4	*	62.5	46.3	*
Congestive Heart Failure	10	20.0	17.0	*	30.0	27.7	*	30.0	36.1	*
Pneumonia/Influenza	11	9.1	16.9	*	9.1	22.6	*	9.1	27.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.6	*	0.0	11.9	*	0.0	16.0	*
Transient Cerebral Ischemia	2	50.0	3.3	*	50.0	8.0	*	50.0	13.0	*
Stroke	8	37.5	21.7	*	37.5	28.8	*	37.5	33.9	*
Hip Fracture	1	0.0	22.2	*	100.0	43.1	*	100.0	59.1	*
Sepsis	3	0.0	15.0	*	0.0	21.0	*	0.0	26.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.5	*	0.0	4.4	*	0.0	6.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	20.6	*	100.0	41.0	*	100.0	56.7	*
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	8	0.0	4.1	*	12.5	7.9	*	12.5	10.3	*
Hysterectomy	3	0.0	0.7	*	0.0	1.9	*	0.0	3.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	221	12.2	9.9	3.3	14.0	14.8	3.7	19.0	18.9	2.8
CONDITIONS:										
Acute Myocardial Infarction	13	53.8	37.3	*	53.8	41.9	*	53.8	46.4	*
Congestive Heart Failure	13	15.4	17.4	*	15.4	27.0	*	15.4	34.4	*
Pneumonia/Influenza	12	0.0	12.8	*	0.0	17.9	*	16.7	22.2	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.3	*	0.0	8.2	*	0.0	11.6	*
Transient Cerebral Ischemia	3	0.0	2.3	*	0.0	5.3	*	0.0	8.8	*
Stroke	7	57.1	22.1	*	57.1	29.6	*	57.1	35.2	*
Hip Fracture	1	0.0	2.2	*	0.0	4.4	*	0.0	6.1	*
Sepsis	5	40.0	35.9	*	40.0	47.7	*	40.0	56.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.0	*	100.0	7.1	*	100.0	11.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.0	*	0.0	2.2	*	0.0	3.5	*
Cholecystectomy	5	0.0	4.4	*	0.0	8.7	*	20.0	11.8	*
Hysterectomy	3	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WHITE COMMUNITY HOSPITAL

5211 Highway 110
Aurora, MN 55705

Medicare Provider Number: 240005

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	58	10.3	9.4	3.9	15.5	13.4	4.9	22.4	17.1	6.2
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	19.5	*	20.0	21.6	*	20.0	24.3	*
Congestive Heart Failure	2	0.0	12.2	*	0.0	19.9	*	100.0	26.8	*
Pneumonia/Influenza	9	33.3	18.6	*	33.3	25.8	*	44.4	31.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	1.5	*	0.0	3.0	*	0.0	4.6	*
Stroke	4	25.0	18.2	*	50.0	23.7	*	50.0	27.9	*
Hip Fracture	0									
Sepsis	1	100.0	33.4	*	100.0	39.3	*	100.0	46.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	0.9	*	0.0	2.4	*	0.0	4.3	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	85
Occupancy Rate	81
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	3
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WHITE COMMUNITY HOSPITAL

Medicare Provider Number: 240005

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	40	10.0	10.2	*	20.0	15.2	*	27.5	19.2	*
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	27.8	*	0.0	31.3	*	0.0	36.2	*
Congestive Heart Failure	3	0.0	11.2	*	0.0	16.5	*	0.0	21.6	*
Pneumonia/Influenza	4	25.0	10.5	*	25.0	14.3	*	50.0	17.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	5	0.0	22.0	*	0.0	27.7	*	0.0	32.3	*
Hip Fracture	0									
Sepsis	1	0.0	39.9	*	0.0	55.9	*	0.0	66.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	41	12.2	15.4	*	17.1	20.7	*	17.1	25.3	*
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	32.4	*	0.0	36.2	*	0.0	40.8	*
Congestive Heart Failure	2	50.0	17.0	*	50.0	25.0	*	50.0	31.5	*
Pneumonia/Influenza	4	75.0	17.8	*	75.0	24.7	*	75.0	30.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	11.7	*	0.0	27.7	*	0.0	44.2	*
Stroke	2	0.0	25.6	*	50.0	34.2	*	50.0	40.8	*
Hip Fracture	0									
Sepsis	1	0.0	30.5	*	100.0	36.3	*	100.0	43.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WINDOM AREA HOSPITAL INC

Highways 60 & 71 North, Box 339
Windom, MN 56101

Medicare Provider Number: 240171

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	99	17.2	10.3	5.0	20.2	15.6	4.4	21.2	19.9	4.2
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	27.2	*	40.0	32.8	*	40.0	37.3	*
Congestive Heart Failure	8	0.0	14.8	*	12.5	22.6	*	12.5	29.2	*
Pneumonia/Influenza	9	55.6	20.8	*	55.6	28.2	*	55.6	34.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	11.3	*	0.0	16.9	*	0.0	21.9	*
Transient Cerebral Ischemia	3	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke	4	100.0	37.6	*	100.0	47.0	*	100.0	52.7	*
Hip Fracture	0									
Sepsis	1	100.0	16.3	*	100.0	21.7	*	100.0	26.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.0	*	0.0	7.4	*	0.0	12.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.9	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	35
Occupancy Rate	11
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	6
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WINDOM AREA HOSPITAL INC

Medicare Provider Number: 240171

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	142	13.4	11.8	3.1	16.9	16.6	3.1	18.3	20.5	3.7
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	32.3	*	30.0	36.7	*	30.0	40.3	*
Congestive Heart Failure	10	10.0	18.1	*	20.0	26.1	*	20.0	32.5	*
Pneumonia/Influenza	10	50.0	25.2	*	50.0	33.2	*	50.0	38.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.8	*	0.0	13.7	*	0.0	18.2	*
Transient Cerebral Ischemia	2	0.0	2.6	*	0.0	5.7	*	0.0	9.1	*
Stroke	10	30.0	23.1	*	40.0	29.8	*	40.0	34.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	12.9	*	33.3	18.9	*	33.3	23.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	10	0.0	4.1	*	0.0	8.0	*	10.0	11.6	*
Hysterectomy	2	0.0	2.0	*	0.0	4.8	*	0.0	8.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	147	10.2	11.3	2.8	16.3	16.5	3.1	22.4	20.8	3.7
CONDITIONS:										
Acute Myocardial Infarction	10	40.0	25.3	*	40.0	27.8	*	40.0	31.0	*
Congestive Heart Failure	4	25.0	15.7	*	50.0	25.5	*	50.0	32.8	*
Pneumonia/Influenza	14	7.1	18.8	*	21.4	24.9	*	35.7	29.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.6	*	0.0	16.0	*	0.0	20.4	*
Transient Cerebral Ischemia	3	0.0	1.6	*	0.0	3.1	*	0.0	4.9	*
Stroke	10	50.0	27.5	*	60.0	34.8	*	60.0	39.7	*
Hip Fracture	0									
Sepsis	2	0.0	19.6	*	0.0	33.7	*	50.0	43.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	12.5	*	0.0	18.5	*	0.0	24.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.2	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy	3	0.0	0.7	*	0.0	1.8	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WORTHINGTON REGIONAL HOSPITAL

1018 6th Ave
Worthington, MN 56187

Medicare Provider Number: 240022

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	614	7.2	9.1	1.6	9.3	13.7	1.8	12.2	17.3	2.0
CONDITIONS:										
Acute Myocardial Infarction	31	16.1	30.4	*	16.1	34.5	*	22.6	38.7	*
Congestive Heart Failure	29	20.7	16.0	*	20.7	24.1	*	24.1	31.0	*
Pneumonia/Influenza	32	6.3	15.8	*	6.3	21.7	*	6.3	26.4	*
Chronic Obstructive Pulmonary Disease	18	11.1	9.1	*	11.1	16.0	*	11.1	21.6	*
Transient Cerebral Ischemia	7	0.0	2.1	*	0.0	4.8	*	0.0	7.9	*
Stroke	22	22.7	23.4	*	22.7	29.6	*	31.8	34.2	*
Hip Fracture	4	0.0	8.0	*	0.0	14.0	*	0.0	17.7	*
Sepsis	5	20.0	26.1	*	20.0	38.5	*	40.0	46.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	33.3	7.4	*	33.3	13.4	*	33.3	18.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	44	0.0	0.6	*	2.3	1.5	*	6.8	2.6	*
Cholecystectomy	16	0.0	3.4	*	6.3	6.1	*	6.3	7.8	*
Hysterectomy	13	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	99
Occupancy Rate	31
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	95
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WORTHINGTON REGIONAL HOSPITAL

Medicare Provider Number: 240022

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	624	6.6	8.6	1.5	10.6	12.8	2.1	13.0	16.2	2.2
CONDITIONS:										
Acute Myocardial Infarction	30	13.3	30.4	*	20.0	34.1	*	20.0	37.9	*
Congestive Heart Failure	30	13.3	16.7	*	16.7	25.0	*	16.7	32.0	*
Pneumonia/Influenza	29	3.4	18.3	*	6.9	24.7	*	6.9	29.7	*
Chronic Obstructive Pulmonary Disease	14	7.1	9.5	*	14.3	17.1	*	21.4	22.4	*
Transient Cerebral Ischemia	11	0.0	1.9	*	0.0	4.2	*	0.0	6.8	*
Stroke	28	21.4	22.7	*	25.0	29.1	*	28.6	33.8	*
Hip Fracture	8	0.0	7.9	*	0.0	14.1	*	0.0	18.1	*
Sepsis	8	12.5	14.7	*	25.0	20.2	*	37.5	25.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	4.7	*	0.0	6.7	*	0.0	8.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	52	0.0	0.6	1.2	0.0	1.4	2.0	1.9	2.3	2.4
Cholecystectomy	12	0.0	2.1	*	0.0	3.9	*	8.3	5.1	*
Hysterectomy	16	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	692	7.9	8.9	1.6	11.1	13.3	2.2	14.6	17.0	2.4
CONDITIONS:										
Acute Myocardial Infarction	32	28.1	31.6	*	31.3	35.2	*	34.4	38.8	*
Congestive Heart Failure	20	30.0	19.4	*	35.0	29.3	*	35.0	37.1	*
Pneumonia/Influenza	33	6.1	18.0	*	15.2	24.9	*	21.2	30.2	*
Chronic Obstructive Pulmonary Disease	10	0.0	4.5	*	0.0	8.2	*	20.0	11.4	*
Transient Cerebral Ischemia	11	0.0	2.3	*	0.0	5.2	*	0.0	8.4	*
Stroke	28	25.0	24.8	*	32.1	31.7	*	32.1	36.6	*
Hip Fracture	15	6.7	8.5	*	13.3	15.1	*	13.3	19.2	*
Sepsis	7	0.0	19.7	*	0.0	26.2	*	0.0	30.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	4.1	*	16.7	6.7	*	16.7	8.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	47	0.0	0.8	*	4.3	2.1	*	4.3	3.6	*
Cholecystectomy	25	4.0	2.2	*	4.0	4.0	*	8.0	5.3	*
Hysterectomy	15	6.7	0.7	*	6.7	1.6	*	6.7	2.5	*

*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ZUMBROTA HOSPITAL

383 W 5th Street
Zumbrota, MN 55992

Medicare Provider Number: 240172

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	166	13.9	11.8	6.1	22.9	17.9	11.2	26.5	22.3	10.4
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	21.4	*	0.0	24.3	*	0.0	27.2	*
Congestive Heart Failure	13	15.4	18.1	*	30.8	27.6	*	38.5	35.2	*
Pneumonia/Influenza	20	20.0	19.7	*	20.0	27.0	*	25.0	32.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.5	*	0.0	14.0	*	0.0	18.8	*
Transient Cerebral Ischemia	1	0.0	3.9	*	0.0	10.0	*	0.0	17.0	*
Stroke	15	20.0	18.3	*	53.3	25.5	*	53.3	30.1	*
Hip Fracture	11	0.0	6.2	*	9.1	11.2	*	18.2	14.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	4.8	*	16.7	9.1	*	33.3	12.1	*
Open Reduction of Hip Fracture	3	0.0	8.9	*	0.0	16.4	*	0.0	21.0	*
Prostatectomy	7	0.0	1.1	*	0.0	2.8	*	0.0	4.8	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	19
Occupancy Rate	37
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ZUMBROTA HOSPITAL

Medicare Provider Number: 240172

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	103	17.5	12.8	3.8	18.4	19.0	3.9	23.3	23.7	4.4
CONDITIONS:										
Acute Myocardial Infarction	5	60.0	31.6	*	60.0	35.6	*	60.0	39.9	*
Congestive Heart Failure	5	20.0	18.6	*	20.0	28.5	*	40.0	36.3	*
Pneumonia/Influenza	12	16.7	16.3	*	16.7	22.2	*	25.0	26.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.4	*	0.0	12.5	*	100.0	17.1	*
Transient Cerebral Ischemia	1	0.0	3.1	*	0.0	7.3	*	0.0	12.1	*
Stroke	5	40.0	21.7	*	40.0	28.7	*	40.0	33.5	*
Hip Fracture	4	50.0	5.9	*	50.0	10.6	*	50.0	13.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	100.0	7.2	*	100.0	12.6	*	100.0	15.4	*
Open Reduction of Hip Fracture	2	0.0	5.0	*	0.0	10.0	*	0.0	13.4	*
Prostatectomy	2	0.0	0.7	*	0.0	1.6	*	0.0	2.4	*
Cholecystectomy	1	0.0	1.9	*	0.0	3.3	*	0.0	4.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	115	17.4	10.4	4.3	20.0	16.0	4.4	24.3	20.5	5.3
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	33.9	*	16.7	37.9	*	16.7	42.3	*
Congestive Heart Failure	8	12.5	17.7	*	12.5	26.0	*	25.0	32.9	*
Pneumonia/Influenza	3	0.0	19.0	*	33.3	25.7	*	33.3	31.0	*
Chronic Obstructive Pulmonary Disease	3	33.3	9.7	*	66.7	17.4	*	66.7	24.1	*
Transient Cerebral Ischemia	2	0.0	3.4	*	0.0	8.0	*	0.0	12.9	*
Stroke	3	100.0	29.6	*	100.0	40.5	*	100.0	46.9	*
Hip Fracture	4	0.0	7.0	*	0.0	13.5	*	0.0	17.9	*
Sepsis	1	100.0	33.1	*	100.0	39.2	*	100.0	46.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	7.8	*	0.0	15.7	*	0.0	21.2	*
Prostatectomy	6	0.0	1.2	*	0.0	2.9	*	0.0	4.7	*
Cholecystectomy	1	0.0	1.1	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy	1	0.0	0.2	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

Wisconsin

ABARIS CENTER FOR CHEMICALLY DEPENDENT

431 Olympian Blvd
Beloit, WI 53511

Medicare Provider Number: 520182

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	2	0.0	0.4	*	0.0	1.1	*	0.0	2.1	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	18
Occupancy Rate	33
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	4
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ABARIS CENTER FOR CHEMICALLY DEPENDENT

Medicare Provider Number: 520182

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	3	0.0	1.2	*	0.0	2.9	*	0.0	5.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	0									
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

ADAMS COUNTY MEMORIAL HOSPITAL

402 W Lake St
Friendship, WI 53934

Medicare Provider Number: 520074

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	311	13.8	10.5	2.5	18.6	15.0	2.7	21.9	18.6	3.0
CONDITIONS:										
Acute Myocardial Infarction	17	47.1	27.2	*	47.1	29.8	*	47.1	33.1	*
Congestive Heart Failure	16	12.5	15.7	*	12.5	24.2	*	31.3	31.0	*
Pneumonia/Influenza	14	21.4	16.0	*	21.4	21.6	*	21.4	26.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.5	*	0.0	9.5	*	0.0	13.2	*
Transient Cerebral Ischemia	2	0.0	1.4	*	0.0	3.1	*	0.0	5.0	*
Stroke	17	17.6	22.8	*	23.5	29.2	*	35.3	33.8	*
Hip Fracture	10	0.0	5.6	*	10.0	10.2	*	20.0	13.3	*
Sepsis	4	25.0	27.4	*	25.0	31.6	*	25.0	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	2.2	*	16.7	4.2	*	33.3	5.7	*
Open Reduction of Hip Fracture	2	0.0	7.4	*	0.0	12.9	*	0.0	16.2	*
Prostatectomy	8	0.0	0.9	*	0.0	2.6	*	0.0	4.8	*
Cholecystectomy	8	12.5	2.8	*	12.5	5.4	*	12.5	7.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	58
Occupancy Rate	53
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ADAMS COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 520074

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	324	8.3	9.6	2.4	12.7	14.0	3.1	15.7	17.7	4.0
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	28.8	*	22.2	32.3	*	22.2	36.7	*
Congestive Heart Failure	19	10.5	17.2	*	31.6	25.8	*	36.8	32.5	*
Pneumonia/Influenza	12	33.3	23.3	*	41.7	31.3	*	58.3	37.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.3	*	50.0	12.3	*	50.0	17.0	*
Transient Cerebral Ischemia	7	0.0	1.6	*	14.3	3.3	*	14.3	5.1	*
Stroke	18	5.6	17.8	*	11.1	22.8	*	11.1	27.1	*
Hip Fracture	10	0.0	6.5	*	0.0	11.9	*	0.0	15.5	*
Sepsis	2	50.0	36.3	*	50.0	42.9	*	50.0	49.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	6.6	*	0.0	12.5	*	0.0	16.5	*
Open Reduction of Hip Fracture	4	0.0	3.8	*	0.0	7.0	*	0.0	9.4	*
Prostatectomy	10	0.0	1.2	*	0.0	2.8	*	0.0	4.7	*
Cholecystectomy	8	12.5	5.0	*	12.5	9.5	*	12.5	12.6	*
Hysterectomy	3	0.0	0.9	*	0.0	2.0	*	0.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	324	9.6	8.7	1.9	14.5	12.8	2.3	17.9	16.3	2.8
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	26.5	*	31.3	30.0	*	31.3	33.6	*
Congestive Heart Failure	6	50.0	17.0	*	50.0	25.4	*	50.0	32.5	*
Pneumonia/Influenza	13	7.7	21.0	*	15.4	27.6	*	15.4	32.8	*
Chronic Obstructive Pulmonary Disease	6	0.0	7.7	*	16.7	12.7	*	33.3	17.3	*
Transient Cerebral Ischemia	2	0.0	1.2	*	0.0	2.0	*	0.0	2.9	*
Stroke	14	42.9	21.6	*	50.0	27.8	*	50.0	32.7	*
Hip Fracture	8	0.0	3.9	*	25.0	7.2	*	25.0	9.7	*
Sepsis	1	0.0	17.7	*	0.0	25.9	*	0.0	30.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	2.3	*	0.0	4.8	*	0.0	7.2	*
Hip Replacement/Reconstruction	4	0.0	3.9	*	25.0	7.4	*	25.0	10.0	*
Open Reduction of Hip Fracture	0									
Prostatectomy	15	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy	6	0.0	0.9	*	16.7	1.7	*	16.7	2.4	*
Hysterectomy	4	0.0	1.1	*	0.0	2.4	*	0.0	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

APPLE RIVER HOSPITAL INC

230 Deronda Street
Amery, WI 54001

Medicare Provider Number: 520018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	340	7.6	8.4	2.2	11.5	12.8	2.9	14.4	16.4	3.1
CONDITIONS:										
Acute Myocardial Infarction	14	21.4	31.8	*	21.4	36.7	*	21.4	40.4	*
Congestive Heart Failure	14	14.3	14.4	*	28.6	22.6	*	28.6	29.6	*
Pneumonia/Influenza	22	18.2	20.1	*	18.2	27.4	*	27.3	33.1	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.7	*	20.0	12.9	*	20.0	17.6	*
Transient Cerebral Ischemia	9	0.0	2.6	*	0.0	5.9	*	11.1	9.3	*
Stroke	13	30.8	27.1	*	30.8	34.8	*	30.8	40.1	*
Hip Fracture	13	15.4	5.3	*	23.1	9.5	*	23.1	12.4	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	8	0.0	4.3	*	12.5	8.3	*	12.5	11.1	*
Prostatectomy	10	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	10	10.0	3.9	*	10.0	7.5	*	10.0	10.0	*
Hysterectomy	3	0.0	0.5	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	44
Occupancy Rate	23
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	29
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

APPLE RIVER HOSPITAL INC

Medicare Provider Number: 520018

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	348	10.3	10.1	2.5	13.8	15.2	2.7	18.1	19.2	2.4
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	27.1	*	20.0	32.6	*	40.0	37.6	*
Congestive Heart Failure	22	18.2	19.2	*	27.3	28.7	*	31.8	36.0	*
Pneumonia/Influenza	20	15.0	22.7	*	20.0	29.8	*	20.0	35.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	10	0.0	2.1	*	0.0	4.9	*	0.0	7.7	*
Stroke	20	30.0	28.6	*	30.0	35.7	*	40.0	40.6	*
Hip Fracture	14	0.0	5.1	*	0.0	9.7	*	0.0	12.7	*
Sepsis	2	0.0	32.5	*	0.0	39.8	*	0.0	46.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	4.1	*	0.0	8.4	*	0.0	11.1	*
Open Reduction of Hip Fracture	5	0.0	5.1	*	0.0	9.8	*	0.0	13.1	*
Prostatectomy	9	0.0	1.1	*	0.0	2.6	*	0.0	4.3	*
Cholecystectomy	6	16.7	3.2	*	16.7	5.2	*	16.7	6.5	*
Hysterectomy	2	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	359	10.9	9.8	1.8	15.6	14.5	2.3	18.4	18.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	19	21.1	31.7	*	26.3	35.9	*	31.6	40.1	*
Congestive Heart Failure	18	22.2	20.3	*	27.8	30.6	*	33.3	38.6	*
Pneumonia/Influenza	26	7.7	15.3	*	15.4	21.0	*	15.4	25.6	*
Chronic Obstructive Pulmonary Disease	6	16.7	7.1	*	16.7	11.9	*	16.7	15.9	*
Transient Cerebral Ischemia	13	0.0	2.1	*	7.7	4.8	*	7.7	7.6	*
Stroke	14	35.7	25.8	*	35.7	32.8	*	50.0	37.9	*
Hip Fracture	13	15.4	7.3	*	15.4	13.7	*	15.4	18.0	*
Sepsis	1	0.0	35.4	*	100.0	43.0	*	100.0	50.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	6.1	*	33.3	12.2	*	33.3	16.6	*
Open Reduction of Hip Fracture	4	25.0	5.4	*	25.0	11.2	*	25.0	15.8	*
Prostatectomy	17	0.0	1.1	*	0.0	3.0	*	0.0	5.3	*
Cholecystectomy	7	0.0	2.6	*	0.0	5.1	*	0.0	7.4	*
Hysterectomy	4	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

APPLETON MEDICAL CENTER

1818 North Meade Street
Appleton, WI 54911

Medicare Provider Number: 520160

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,825	6.8	7.0	0.6	10.5	10.8	0.8	13.4	14.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	77	16.9	23.4	8.9	19.5	26.5	9.1	22.1	29.8	9.5
Congestive Heart Failure	93	11.8	12.8	3.6	20.4	20.3	4.2	26.9	26.8	4.8
Pneumonia/Influenza	50	12.0	14.6	*	16.0	20.6	*	18.0	25.1	*
Chronic Obstructive Pulmonary Disease	12	25.0	6.3	*	33.3	10.7	*	41.7	14.7	*
Transient Cerebral Ischemia	15	0.0	1.8	*	0.0	4.1	*	0.0	6.5	*
Stroke	51	9.8	15.6	6.4	23.5	21.9	5.9	25.5	26.1	7.3
Hip Fracture	42	2.4	5.4	*	2.4	10.0	*	7.1	13.2	*
Sepsis	6	33.3	21.5	*	50.0	29.3	*	50.0	36.4	*
PROCEDURES:										
Angioplasty	74	2.7	3.0	3.3	4.1	3.7	2.6	5.4	4.6	2.7
Coronary Artery Bypass Graft	139	5.8	5.6	3.7	6.5	8.1	3.9	6.5	9.7	4.2
Initial Pacemaker Insertion	24	12.5	5.6	*	12.5	9.7	*	12.5	13.2	*
Carotid Endarterectomy	9	0.0	1.4	*	0.0	2.6	*	11.1	3.9	*
Hip Replacement/Reconstruction	30	0.0	2.3	*	0.0	4.4	*	0.0	6.0	*
Open Reduction of Hip Fracture	20	5.0	4.7	*	5.0	9.0	*	15.0	12.0	*
Prostatectomy	57	0.0	1.0	1.7	1.8	2.2	2.2	3.5	3.5	2.7
Cholecystectomy	53	0.0	2.1	*	0.0	3.2	*	0.0	4.0	*
Hysterectomy	21	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	156
Occupancy Rate	64
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	176
Percent of Physicians Board Certified Specialists	85
Medical Residents/Interns	0
Registered Nurses	152
Licensed Practical Nurses	44

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

APPLETON MEDICAL CENTER

Medicare Provider Number: 520160

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,766	7.2	6.6	0.8	10.8	10.0	0.8	13.0	12.8	0.8
CONDITIONS:										
Acute Myocardial Infarction	82	24.4	27.1	5.3	26.8	30.0	6.1	26.8	33.4	7.2
Congestive Heart Failure	77	18.2	13.8	5.6	29.9	21.7	7.7	40.3	28.4	9.9
Pneumonia/Influenza	40	17.5	14.6	*	27.5	20.3	*	30.0	24.6	*
Chronic Obstructive Pulmonary Disease	17	11.8	7.2	*	11.8	14.1	*	11.8	20.1	*
Transient Cerebral Ischemia	24	0.0	1.8	*	0.0	3.8	*	4.2	6.0	*
Stroke	48	25.0	16.1	*	27.1	22.3	*	29.2	26.7	*
Hip Fracture	34	14.7	5.3	*	26.5	9.9	*	32.4	13.0	*
Sepsis	4	0.0	30.3	*	25.0	39.1	*	50.0	45.4	*
PROCEDURES:										
Angioplasty	82	2.4	4.3	3.1	3.7	5.2	3.1	3.7	6.1	3.5
Coronary Artery Bypass Graft	133	6.8	5.6	2.9	9.8	7.6	3.4	10.5	8.9	3.6
Initial Pacemaker Insertion	29	3.4	3.7	*	6.9	6.3	*	10.3	8.8	*
Carotid Endarterectomy	16	12.5	1.7	*	12.5	3.1	*	12.5	4.6	*
Hip Replacement/Reconstruction	33	3.0	1.7	*	6.1	3.2	*	9.1	4.4	*
Open Reduction of Hip Fracture	18	11.1	5.3	*	27.8	10.1	*	33.3	13.3	*
Prostatectomy	61	0.0	0.8	1.3	0.0	2.0	2.4	1.6	3.4	3.2
Cholecystectomy	41	0.0	5.2	*	4.9	9.1	*	7.3	11.6	*
Hysterectomy	22	0.0	0.7	*	0.0	1.4	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,609	6.5	6.3	0.6	9.9	9.8	0.8	12.6	12.7	0.8
CONDITIONS:										
Acute Myocardial Infarction	63	25.4	23.3	6.3	28.6	26.5	6.6	31.7	29.9	6.8
Congestive Heart Failure	104	19.2	13.3	6.1	26.9	20.6	5.7	30.8	27.1	5.1
Pneumonia/Influenza	37	13.5	12.3	*	21.6	17.1	*	27.0	21.1	*
Chronic Obstructive Pulmonary Disease	13	15.4	7.4	*	23.1	13.2	*	23.1	18.1	*
Transient Cerebral Ischemia	11	0.0	1.7	*	0.0	3.4	*	0.0	5.2	*
Stroke	43	14.0	16.4	*	25.6	22.3	*	27.9	26.6	*
Hip Fracture	23	8.7	5.7	*	17.4	10.7	*	21.7	14.3	*
Sepsis	2	0.0	18.8	*	0.0	25.5	*	0.0	31.1	*
PROCEDURES:										
Angioplasty	59	3.4	3.9	2.6	5.1	4.8	3.3	8.5	6.0	4.9
Coronary Artery Bypass Graft	105	8.6	5.2	2.9	8.6	7.2	2.9	8.6	8.6	3.4
Initial Pacemaker Insertion	21	0.0	2.6	*	4.8	5.4	*	9.5	8.2	*
Carotid Endarterectomy	15	0.0	1.5	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction	35	0.0	1.3	*	2.9	2.5	*	2.9	3.4	*
Open Reduction of Hip Fracture	12	16.7	5.9	*	25.0	11.8	*	25.0	16.2	*
Prostatectomy	54	0.0	0.9	1.6	1.9	2.1	2.4	5.6	3.6	3.0
Cholecystectomy	28	3.6	2.6	*	7.1	5.4	*	14.3	7.5	*
Hysterectomy	13	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BALDWIN COMMUNITY MEMORIAL HOSPITAL

950 Curtis Street
Baldwin, WI 54002

Medicare Provider Number: 520123

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	304	8.9	13.0	2.6	15.8	19.6	3.4	20.1	25.2	3.7
CONDITIONS:										
Acute Myocardial Infarction	8	37.5	41.1	*	37.5	44.9	*	37.5	49.3	*
Congestive Heart Failure	10	0.0	18.2	*	10.0	27.1	*	10.0	34.3	*
Pneumonia/Influenza	38	13.2	24.3	*	26.3	31.9	*	28.9	37.9	*
Chronic Obstructive Pulmonary Disease	7	0.0	17.3	*	0.0	28.1	*	0.0	37.1	*
Transient Cerebral Ischemia	1	0.0	2.3	*	0.0	5.3	*	0.0	8.6	*
Stroke	10	40.0	34.0	*	50.0	42.8	*	50.0	48.5	*
Hip Fracture	12	8.3	12.8	*	16.7	23.1	*	16.7	29.8	*
Sepsis	4	0.0	30.5	*	0.0	38.2	*	25.0	44.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	7	14.3	11.6	*	28.6	21.7	*	28.6	28.5	*
Prostatectomy	5	20.0	3.7	*	20.0	9.5	*	40.0	16.1	*
Cholecystectomy	4	0.0	4.1	*	0.0	6.4	*	0.0	7.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	25
Occupancy Rate	60
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BALDWIN COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 520123

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	291	10.0	12.0	2.3	16.5	17.7	2.5	18.6	22.4	3.4
CONDITIONS:										
Acute Myocardial Infarction	15	6.7	32.4	*	6.7	36.8	*	6.7	41.4	*
Congestive Heart Failure	9	22.2	19.6	*	33.3	29.2	*	33.3	36.6	*
Pneumonia/Influenza	35	14.3	25.4	*	25.7	33.1	*	25.7	38.7	*
Chronic Obstructive Pulmonary Disease	6	16.7	14.9	*	16.7	22.4	*	16.7	28.5	*
Transient Cerebral Ischemia	4	25.0	2.2	*	25.0	5.0	*	50.0	8.0	*
Stroke	4	0.0	27.3	*	25.0	34.9	*	50.0	40.5	*
Hip Fracture	8	25.0	11.6	*	37.5	20.2	*	37.5	25.2	*
Sepsis	1	0.0	17.9	*	0.0	22.3	*	0.0	26.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	2.7	*	25.0	5.0	*	25.0	6.6	*
Open Reduction of Hip Fracture	4	50.0	15.0	*	50.0	27.0	*	50.0	34.0	*
Prostatectomy	10	0.0	0.5	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy	5	0.0	1.7	*	0.0	3.2	*	0.0	4.4	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	308	7.5	13.6	2.6	12.7	19.2	2.9	18.5	23.9	3.4
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	43.8	*	40.0	49.1	*	53.3	54.4	*
Congestive Heart Failure	13	0.0	17.1	*	7.7	25.4	*	15.4	32.3	*
Pneumonia/Influenza	21	9.5	24.0	*	23.8	32.1	*	33.3	38.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	31.7	*	0.0	42.2	*	50.0	49.3	*
Transient Cerebral Ischemia	3	0.0	1.7	*	0.0	3.6	*	0.0	5.4	*
Stroke	8	25.0	25.5	*	25.0	32.7	*	25.0	38.2	*
Hip Fracture	8	0.0	8.4	*	12.5	15.0	*	12.5	19.9	*
Sepsis	10	30.0	36.6	*	30.0	45.0	*	50.0	51.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	1.7	*	0.0	2.9	*	0.0	3.9	*
Open Reduction of Hip Fracture	5	0.0	8.7	*	0.0	16.4	*	0.0	22.1	*
Prostatectomy	12	0.0	0.8	*	0.0	2.0	*	8.3	3.5	*
Cholecystectomy	4	0.0	0.9	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy	1	0.0	1.1	*	0.0	2.7	*	0.0	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BARRON MEMORIAL MEDICAL CENTER

1222 Woodland Ave
Barron, WI 54812

Medicare Provider Number: 520124

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	490	9.4	9.8	1.4	13.9	14.8	2.1	17.3	18.8	2.3
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	34.5	*	29.4	38.2	*	35.3	42.4	*
Congestive Heart Failure	25	24.0	17.0	*	28.0	26.1	*	40.0	33.6	*
Pneumonia/Influenza	39	12.8	19.1	*	20.5	26.1	*	20.5	31.3	*
Chronic Obstructive Pulmonary Disease	11	9.1	7.9	*	18.2	14.9	*	18.2	20.9	*
Transient Cerebral Ischemia	5	0.0	1.2	*	0.0	2.6	*	0.0	4.2	*
Stroke	18	33.3	21.5	*	33.3	28.4	*	38.9	33.3	*
Hip Fracture	14	0.0	7.1	*	0.0	13.0	*	7.1	17.0	*
Sepsis	11	9.1	24.1	*	36.4	30.4	*	36.4	36.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	1.3	*	0.0	2.6	*	0.0	3.8	*
Open Reduction of Hip Fracture	6	0.0	7.9	*	0.0	15.1	*	0.0	19.9	*
Prostatectomy	8	0.0	0.7	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	5	0.0	2.8	*	0.0	5.0	*	0.0	6.4	*
Hysterectomy	8	0.0	1.0	*	0.0	2.4	*	0.0	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	92
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	49
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BARRON MEMORIAL MEDICAL CENTER

Medicare Provider Number: 520124

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	549	8.9	11.0	1.7	14.2	16.2	2.0	17.3	20.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	26	34.6	35.9	*	34.6	39.8	*	42.3	44.2	*
Congestive Heart Failure	28	10.7	15.9	*	17.9	24.0	*	21.4	30.5	*
Pneumonia/Influenza	48	8.3	19.0	*	16.7	25.5	*	22.9	30.3	*
Chronic Obstructive Pulmonary Disease	5	20.0	12.9	*	20.0	21.3	*	20.0	29.0	*
Transient Cerebral Ischemia	4	25.0	2.4	*	25.0	5.6	*	25.0	9.2	*
Stroke	24	16.7	24.0	*	20.8	30.8	*	29.2	35.9	*
Hip Fracture	11	0.0	6.5	*	9.1	12.1	*	9.1	15.5	*
Sepsis	15	20.0	29.1	*	26.7	37.3	*	26.7	43.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	3.2	*	33.3	6.8	*	33.3	9.3	*
Open Reduction of Hip Fracture	3	0.0	10.4	*	0.0	18.8	*	0.0	23.5	*
Prostatectomy	12	0.0	1.4	*	0.0	3.6	*	0.0	6.2	*
Cholecystectomy	12	8.3	2.2	*	8.3	3.8	*	8.3	4.9	*
Hysterectomy	3	0.0	1.5	*	0.0	3.2	*	0.0	5.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	474	9.1	10.6	1.9	12.9	15.8	2.5	15.8	19.9	3.0
CONDITIONS:										
Acute Myocardial Infarction	20	40.0	37.0	*	40.0	41.0	*	45.0	45.5	*
Congestive Heart Failure	31	16.1	20.4	*	29.0	30.1	*	29.0	37.6	*
Pneumonia/Influenza	29	6.9	19.9	*	17.2	26.5	*	24.1	31.8	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.1	*	0.0	9.1	*	0.0	13.4	*
Transient Cerebral Ischemia	9	0.0	2.9	*	0.0	6.6	*	11.1	10.6	*
Stroke	10	30.0	27.9	*	30.0	35.8	*	40.0	41.1	*
Hip Fracture	14	0.0	5.5	*	0.0	10.0	*	0.0	13.0	*
Sepsis	8	12.5	29.5	*	25.0	40.6	*	37.5	49.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	0.9	*	0.0	1.5	*	0.0	2.2	*
Open Reduction of Hip Fracture	13	0.0	4.8	*	0.0	9.2	*	0.0	12.3	*
Prostatectomy	13	0.0	3.0	*	7.7	6.9	*	7.7	11.0	*
Cholecystectomy	5	0.0	0.7	*	0.0	1.3	*	0.0	1.7	*
Hysterectomy	5	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BAY AREA MEDICAL CENTER MARINETTE

3100 Shore Drive
Marinette, WI 54143

Medicare Provider Number: 520113

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,371	10.4	9.6	1.2	15.8	14.9	1.4	19.8	18.9	1.5
CONDITIONS:										
Acute Myocardial Infarction	35	22.9	24.6	*	31.4	28.1	*	31.4	31.5	*
Congestive Heart Failure	83	16.9	15.4	4.2	26.5	23.6	5.3	34.9	30.2	8.8
Pneumonia/Influenza	55	25.5	18.1	8.4	36.4	24.8	9.4	40.0	29.6	10.9
Chronic Obstructive Pulmonary Disease	19	5.3	5.7	*	10.5	10.6	*	10.5	15.1	*
Transient Cerebral Ischemia	29	3.4	2.1	*	3.4	4.7	*	3.4	7.5	*
Stroke	61	27.9	17.3	7.2	34.4	24.2	7.5	36.1	28.5	6.8
Hip Fracture	59	3.4	6.2	5.1	10.2	11.6	6.1	13.6	15.4	5.4
Sepsis	9	22.2	21.5	*	33.3	28.2	*	33.3	34.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.9	*	0.0	6.1	*	0.0	9.2	*
Carotid Endarterectomy	9	0.0	1.3	*	0.0	2.3	*	11.1	3.5	*
Hip Replacement/Reconstruction	29	0.0	3.9	*	3.4	7.9	*	3.4	11.0	*
Open Reduction of Hip Fracture	24	0.0	5.0	*	8.3	9.3	*	12.5	12.3	*
Prostatectomy	42	0.0	0.9	*	2.4	2.1	*	4.8	3.5	*
Cholecystectomy	34	0.0	3.6	*	2.9	6.5	*	5.9	8.6	*
Hysterectomy	18	0.0	0.7	*	0.0	1.3	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	99
Occupancy Rate	58
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	39
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	71
Licensed Practical Nurses	37

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BAY AREA MEDICAL CENTER MARINETTE

Medicare Provider Number: 520113

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			MORTALITY RATES (%) 90 DAYS			MORTALITY RATES (%) 180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,170	9.1	9.3	0.9	13.7	14.2	1.2	17.9	18.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	44	22.7	27.9	*	27.3	31.9	*	34.1	35.6	*
Congestive Heart Failure	40	15.0	18.4	*	30.0	27.7	*	37.5	35.1	*
Pneumonia/Influenza	37	13.5	17.5	*	16.2	23.3	*	21.6	27.9	*
Chronic Obstructive Pulmonary Disease	24	16.7	10.4	*	29.2	17.4	*	29.2	23.4	*
Transient Cerebral Ischemia	14	7.1	1.9	*	14.3	4.2	*	14.3	6.7	*
Stroke	45	24.4	18.0	*	28.9	25.2	*	33.3	29.8	*
Hip Fracture	46	2.2	7.1	*	8.7	13.0	*	13.0	16.6	*
Sepsis	11	9.1	29.8	*	18.2	38.2	*	27.3	45.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	5.7	*	0.0	8.7	*	0.0	11.5	*
Carotid Endarterectomy	8	12.5	1.5	*	12.5	2.8	*	12.5	4.1	*
Hip Replacement/Reconstruction	25	4.0	4.0	*	8.0	7.8	*	16.0	10.3	*
Open Reduction of Hip Fracture	17	0.0	5.2	*	0.0	10.1	*	0.0	13.3	*
Prostatectomy	44	0.0	1.2	*	0.0	2.8	*	4.5	4.6	*
Cholecystectomy	32	3.1	2.7	*	9.4	4.9	*	9.4	6.4	*
Hysterectomy	9	11.1	1.3	*	11.1	2.9	*	11.1	4.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			MORTALITY RATES (%) 90 DAYS			MORTALITY RATES (%) 180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	837	9.4	9.5	1.0	13.6	14.3	1.3	17.4	18.1	1.4
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	25.8	*	30.4	29.7	*	30.4	33.3	*
Congestive Heart Failure	37	10.8	19.6	*	21.6	29.3	*	35.1	37.0	*
Pneumonia/Influenza	25	28.0	15.9	*	32.0	21.3	*	36.0	25.7	*
Chronic Obstructive Pulmonary Disease	23	4.3	10.9	*	13.0	17.5	*	17.4	22.7	*
Transient Cerebral Ischemia	10	0.0	1.9	*	0.0	3.9	*	0.0	6.1	*
Stroke	37	29.7	20.7	*	37.8	27.9	*	43.2	32.4	*
Hip Fracture	37	0.0	5.9	*	0.0	11.0	*	2.7	14.5	*
Sepsis	9	11.1	36.4	*	22.2	42.5	*	33.3	48.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	3.7	*	8.3	8.0	*	16.7	11.7	*
Carotid Endarterectomy	4	0.0	1.0	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction	18	0.0	3.1	*	0.0	6.0	*	0.0	7.9	*
Open Reduction of Hip Fracture	10	0.0	6.0	*	0.0	11.5	*	0.0	15.2	*
Prostatectomy	44	2.3	1.1	*	4.5	2.8	*	9.1	4.8	*
Cholecystectomy	23	4.3	3.5	*	4.3	6.0	*	4.3	7.5	*
Hysterectomy	8	0.0	0.7	*	0.0	1.4	*	0.0	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BEAVER DAM COMMUNITY HOSPITALS INC

707 S University Ave
Beaver Dam, WI 53916

Medicare Provider Number: 520076

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,054	9.4	9.2	1.0	13.3	13.8	1.4	16.4	17.6	1.8
CONDITIONS:										
Acute Myocardial Infarction	35	28.6	33.2	*	34.3	37.1	*	34.3	41.1	*
Congestive Heart Failure	48	10.4	14.6	*	18.8	22.6	*	20.8	29.3	*
Pneumonia/Influenza	53	7.5	15.5	8.3	9.4	21.3	9.5	15.1	25.9	9.9
Chronic Obstructive Pulmonary Disease	14	0.0	10.3	*	0.0	16.1	*	0.0	21.6	*
Transient Cerebral Ischemia	12	0.0	1.9	*	0.0	4.2	*	0.0	6.6	*
Stroke	34	23.5	19.7	*	26.5	25.8	*	35.3	30.2	*
Hip Fracture	37	10.8	6.7	*	16.2	12.3	*	21.6	16.3	*
Sepsis	9	11.1	25.9	*	22.2	32.2	*	22.2	37.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	11.2	*	0.0	17.1	*	0.0	21.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	11.1	3.0	*	11.1	6.0	*	16.7	8.5	*
Open Reduction of Hip Fracture	25	8.0	6.3	*	16.0	12.1	*	20.0	16.1	*
Prostatectomy	59	6.8	1.3	2.7	10.2	3.4	3.7	13.6	5.8	4.7
Cholecystectomy	17	0.0	1.5	*	0.0	2.8	*	0.0	3.7	*
Hysterectomy	9	0.0	0.6	*	0.0	1.5	*	0.0	2.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	213
Occupancy Rate	73
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	40
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	91
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BEAVER DAM COMMUNITY HOSPITALS INC

Medicare Provider Number: 520076

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,050	10.1	10.2	0.9	15.0	15.0	1.1	19.1	18.7	1.4
CONDITIONS:										
Acute Myocardial Infarction	42	21.4	28.9	*	21.4	32.3	*	23.8	35.8	*
Congestive Heart Failure	52	17.3	15.9	8.2	32.7	24.4	10.9	42.3	31.5	13.9
Pneumonia/Influenza	33	15.2	19.3	*	15.2	25.4	*	33.3	30.0	*
Chronic Obstructive Pulmonary Disease	9	11.1	11.3	*	11.1	18.7	*	22.2	24.6	*
Transient Cerebral Ischemia	17	0.0	2.0	*	5.9	4.6	*	11.8	7.4	*
Stroke	52	17.3	24.1	11.5	28.8	30.4	11.0	30.8	35.2	7.7
Hip Fracture	32	6.3	6.9	*	12.5	12.4	*	15.6	15.8	*
Sepsis	14	14.3	22.5	*	14.3	29.0	*	14.3	34.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	15.0	*	0.0	20.3	*	0.0	24.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	9.5	5.1	*	14.3	9.6	*	19.0	12.4	*
Open Reduction of Hip Fracture	10	0.0	7.3	*	10.0	13.5	*	10.0	17.4	*
Prostatectomy	67	0.0	1.3	2.1	4.5	3.3	2.5	7.5	5.4	3.9
Cholecystectomy	20	0.0	1.4	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy	2	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	984	8.9	9.3	1.6	14.0	13.8	1.8	17.5	17.5	1.6
CONDITIONS:										
Acute Myocardial Infarction	38	23.7	30.5	*	34.2	33.6	*	34.2	37.0	*
Congestive Heart Failure	68	14.7	16.5	5.3	27.9	25.0	6.9	36.8	32.0	8.6
Pneumonia/Influenza	55	14.5	17.7	5.6	25.5	23.6	6.5	30.9	28.7	6.8
Chronic Obstructive Pulmonary Disease	11	0.0	9.7	*	9.1	17.1	*	9.1	23.1	*
Transient Cerebral Ischemia	30	3.3	2.4	*	6.7	5.1	*	10.0	8.0	*
Stroke	35	20.0	24.2	*	22.9	31.2	*	22.9	36.2	*
Hip Fracture	29	3.4	6.2	*	3.4	11.5	*	13.8	15.2	*
Sepsis	10	10.0	14.7	*	10.0	19.5	*	20.0	24.1	*
PROCEDURES:										
Angioplasty	1	0.0	1.3	*	0.0	2.6	*	0.0	3.6	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	4.2	*	16.7	8.0	*	16.7	11.2	*
Carotid Endarterectomy	2	0.0	1.2	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction	13	7.7	4.5	*	7.7	8.7	*	23.1	11.8	*
Open Reduction of Hip Fracture	11	0.0	6.6	*	0.0	12.4	*	9.1	16.3	*
Prostatectomy	80	0.0	1.3	1.7	1.2	3.2	3.0	2.5	5.4	4.3
Cholecystectomy	27	0.0	3.1	*	3.7	5.4	*	3.7	7.1	*
Hysterectomy	7	0.0	0.7	*	0.0	1.4	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BELLIN MEMORIAL HOSPITAL

744 South Webster Avenue
Green Bay, WI 54301

Medicare Provider Number: 520049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,859	4.6	5.7	0.7	6.7	8.6	0.9	8.9	11.1	1.1
CONDITIONS:										
Acute Myocardial Infarction	77	10.4	23.6	7.0	10.4	26.7	7.4	14.3	30.0	7.6
Congestive Heart Failure	67	17.9	12.9	5.1	28.4	20.3	7.4	38.8	26.9	10.1
Pneumonia/Influenza	33	6.1	12.8	*	9.1	17.9	*	9.1	22.2	*
Chronic Obstructive Pulmonary Disease	8	12.5	6.6	*	12.5	11.3	*	12.5	15.5	*
Transient Cerebral Ischemia	16	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke	40	5.0	14.9	*	5.0	20.8	*	7.5	25.0	*
Hip Fracture	23	13.0	6.8	*	13.0	12.3	*	17.4	16.0	*
Sepsis	11	27.3	16.5	*	27.3	22.8	*	27.3	28.0	*
PROCEDURES:										
Angioplasty	85	0.0	2.5	3.4	1.2	3.4	3.7	2.4	4.5	3.9
Coronary Artery Bypass Graft	131	7.6	5.1	2.9	8.4	7.1	2.7	8.4	8.4	2.9
Initial Pacemaker Insertion	31	0.0	2.5	*	0.0	5.2	*	0.0	7.8	*
Carotid Endarterectomy	19	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	68	1.5	0.9	1.2	1.5	1.6	1.6	1.5	2.2	2.0
Open Reduction of Hip Fracture	3	33.3	5.1	*	33.3	9.2	*	33.3	12.0	*
Prostatectomy	50	2.0	0.9	*	6.0	2.1	*	6.0	3.7	*
Cholecystectomy	29	3.4	2.6	*	3.4	4.6	*	3.4	6.0	*
Hysterectomy	22	0.0	0.7	*	4.5	1.4	*	4.5	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	257
Occupancy Rate	52
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	289
Percent of Physicians Board Certified Specialists	56
Medical Residents/Interns	0
Registered Nurses	264
Licensed Practical Nurses	59

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BELLIN MEMORIAL HOSPITAL

Medicare Provider Number: 520049

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,768	5.3	5.9	0.8	8.0	9.0	1.0	10.6	11.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	69	21.7	22.9	5.2	24.6	25.8	5.6	26.1	29.0	7.2
Congestive Heart Failure	80	12.5	14.8	5.4	25.0	22.6	6.7	32.5	29.2	5.8
Pneumonia/Influenza	22	13.6	15.7	*	18.2	20.8	*	22.7	25.0	*
Chronic Obstructive Pulmonary Disease	7	0.0	5.4	*	28.6	11.6	*	28.6	17.2	*
Transient Cerebral Ischemia	13	0.0	1.7	*	0.0	3.5	*	0.0	5.4	*
Stroke	40	15.0	18.8	*	17.5	25.5	*	22.5	30.1	*
Hip Fracture	28	7.1	6.0	*	7.1	11.2	*	10.7	14.5	*
Sepsis	7	0.0	23.8	*	14.3	32.1	*	28.6	38.4	*
PROCEDURES:										
Angioplasty	76	2.6	2.7	1.9	3.9	3.5	2.1	5.3	4.5	2.6
Coronary Artery Bypass Graft	108	6.5	6.4	2.7	8.3	8.5	2.7	8.3	9.8	3.2
Initial Pacemaker Insertion	26	7.7	3.3	*	7.7	5.9	*	11.5	8.4	*
Carotid Endarterectomy	23	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction	72	1.4	0.7	1.2	1.4	1.3	1.8	2.8	1.8	2.4
Open Reduction of Hip Fracture	6	16.7	7.2	*	16.7	13.7	*	16.7	18.0	*
Prostatectomy	73	0.0	0.8	1.8	2.7	1.9	2.1	4.1	3.3	2.5
Cholecystectomy	26	0.0	2.5	*	0.0	4.8	*	0.0	6.5	*
Hysterectomy	22	0.0	1.4	*	0.0	2.8	*	0.0	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,644	6.9	6.8	0.9	9.9	10.4	1.1	11.7	13.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	66	10.6	26.1	6.8	12.1	29.0	7.4	12.1	32.3	8.0
Congestive Heart Failure	64	14.1	14.2	4.4	18.8	21.7	5.7	26.6	28.2	5.8
Pneumonia/Influenza	31	9.7	16.8	*	16.1	22.7	*	16.1	27.5	*
Chronic Obstructive Pulmonary Disease	9	11.1	6.5	*	22.2	11.7	*	22.2	16.1	*
Transient Cerebral Ischemia	12	0.0	1.7	*	0.0	3.4	*	0.0	5.4	*
Stroke	53	28.3	18.8	11.0	28.3	25.3	9.9	34.0	29.8	8.5
Hip Fracture	21	0.0	5.6	*	9.5	10.4	*	9.5	13.6	*
Sepsis	7	14.3	21.3	*	14.3	30.9	*	14.3	38.1	*
PROCEDURES:										
Angioplasty	53	3.8	3.9	2.8	3.8	5.1	3.2	3.8	6.4	4.0
Coronary Artery Bypass Graft	105	5.7	5.1	2.7	5.7	7.2	3.3	5.7	8.4	3.7
Initial Pacemaker Insertion	19	0.0	5.0	*	0.0	9.0	*	5.3	12.2	*
Carotid Endarterectomy	27	0.0	1.6	*	0.0	3.1	*	0.0	4.5	*
Hip Replacement/Reconstruction	44	0.0	1.1	*	4.5	2.2	*	4.5	3.1	*
Open Reduction of Hip Fracture	7	0.0	5.3	*	14.3	9.9	*	14.3	13.0	*
Prostatectomy	62	1.6	1.0	1.7	4.8	2.4	3.3	6.5	4.0	4.7
Cholecystectomy	34	2.9	1.7	*	2.9	3.0	*	2.9	3.9	*
Hysterectomy	13	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

343.1

Bellin Hospital

744 S. Webster Avenue
P.O. Box 1700
Green Bay, WI 54305-5000
Tel. - (414) 433-3500
Fax. - (414) 433-7971

TO: Health Care Financing Administration
Health Standards and Quality Bureau
ATTENTION: Mrs. Sandra Kappert

Optimizing the health outcomes of our patients through continuous improvement of services and systems is a primary goal at Bellin Hospital. Although we have well-developed systems for the monitor and review of 100% of our patient mortalities, we view mortality as just one of many interdependent performance measurements. Therefore, we have serious concern regarding its usefulness as an exclusive indicator of quality of care, and urge caution in the use of mortality information for evaluative purposes.

When processed for statistical significance, the information in this report for Bellin's Medicare patients shows that in all categories where patient volumes are equal to or exceed 50 cases, Bellin's observed mortality rates fall below upper boundary expected rates at all prediction intervals (75%, 95%, and 99%). Although these results are very favorable, and our overall mortality rate has improved steadily over the past 3 years reported, please consider the following in your review of the information:

* CALCULATIONS of ADJUSTED MORTALITY. Adjusting mortality rates to account for differences in a hospital's patient and case mix is an important step toward comparative data analysis. However, no methodology exists to date which completely isolates hospital performance factors.

In addition, Bellin has recently discovered a factor used in HCFA's Mortality Model which misrepresents our actual patient mix and, thus, distorts the predicted mortality rates generated by the Model. The distortion stems from the fact that Bellin is the only regional provider of cardiac and other specialty services in Wisconsin that does not provide emergency room services. Yet, many of our patients access Bellin via St. Vincent Hospital's emergency room (attached to our hospital by an underground tunnel) or are admitted directly from the emergency departments of 13 other hospital members of our Cardiac Emergency Network.

A misinterpretation of the code schemes used for "Source of Admission" on the patient's record prevented us from entering "emergency room" as the admission source for these patients. Since HCFA's Mortality Model creates lower predicted mortality rates for hospitals that have lower reported percentages of admissions from emergency rooms, Bellin is at a unique disadvantage in that we underreported this source of admission. The result is that the reader's ability to draw accurate conclusions about our observed versus expected mortality rates is impaired.

*IDENTIFICATION of CAUSE of DEATH. Mortality as an indicator of quality of care becomes more meaningful when the time period measured extends beyond discharge from the hospital. HCFA's methodology of calculating mortality rates at 30-, 90-, and 180-day intervals is basically valid, but the reader should be cautioned that extention of the time intervals introduces additional and, in some cases, unrelated variables to the measurement. A death which occurs as long as 6 months post-discharge is included in the mortality rate calculation, even though the cause of death may be entirely unrelated to the reason for hospitalization or the care administered during the patient's stay. EXAMPLE: 3 months following hospitalization for major surgery at Hospital XYZ, a patient becomes the victim of a fatal accident at home or on the highway; this death is included in the mortality rate calculated for Hospital XYZ.

Without access to the full range of information in a patient's medical record or complete knowledge of the circumstances following hospital discharge, it is not possible to make quality of care statements about the individual cases that enter into a facility's mortality rates. Although numbers alone cannot be equated with quality, careful and regular review of meaningful indicators can give important insights into hospital performance. We support the development of valid indicators, and their use in conjunction with other information as a catalyst for continuous improvement of our services.

Respectfully submitted,

Thomas D. Arndt

Thomas D. Arndt
Administrator

BELOIT MEMORIAL HOSPITAL INC

1969 West Hart Road
Beloit, WI 53511

Medicare Provider Number: 520100

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,721	9.4	8.5	0.9	14.1	13.1	1.2	18.4	16.7	1.4
CONDITIONS:										
Acute Myocardial Infarction	45	22.2	25.7	*	24.4	29.0	*	35.6	32.9	*
Congestive Heart Failure	70	17.1	15.9	4.6	22.9	24.7	5.7	27.1	31.8	9.0
Pneumonia/Influenza	88	28.4	15.6	6.1	30.7	21.4	6.0	33.0	26.1	5.6
Chronic Obstructive Pulmonary Disease	28	10.7	5.8	*	17.9	10.9	*	21.4	15.5	*
Transient Cerebral Ischemia	30	0.0	1.6	*	0.0	3.5	*	3.3	5.5	*
Stroke	59	16.9	21.4	6.8	22.0	27.6	8.0	23.7	32.1	10.2
Hip Fracture	44	6.8	7.0	*	13.6	12.6	*	18.2	16.3	*
Sepsis	18	33.3	30.0	*	55.6	40.0	*	61.1	45.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	9.1	7.3	*	9.1	12.4	*	18.2	16.2	*
Carotid Endarterectomy	14	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	16	6.3	4.4	*	12.5	8.0	*	12.5	10.5	*
Open Reduction of Hip Fracture	14	0.0	7.2	*	14.3	13.7	*	28.6	18.1	*
Prostatectomy	56	3.6	0.8	2.0	3.6	1.9	2.9	7.1	3.2	3.7
Cholecystectomy	38	10.5	4.3	*	13.2	7.5	*	13.2	9.7	*
Hysterectomy	6	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	180
Occupancy Rate	59
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	71
Percent of Physicians Board Certified Specialists	65
Medical Residents/Interns	0
Registered Nurses	113
Licensed Practical Nurses	16

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BELOIT MEMORIAL HOSPITAL INC

Medicare Provider Number: 520100

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,745	9.0	8.9	1.1	15.6	13.4	1.7	18.6	17.1	1.7
CONDITIONS:										
Acute Myocardial Infarction	58	25.9	31.2	7.1	29.3	35.2	8.5	29.3	38.8	9.2
Congestive Heart Failure	88	11.4	16.0	5.5	26.1	24.5	4.9	33.0	31.4	5.2
Pneumonia/Influenza	82	14.6	17.8	4.4	31.7	23.8	5.9	35.4	28.7	5.5
Chronic Obstructive Pulmonary Disease	13	7.7	7.9	*	15.4	14.0	*	23.1	18.9	*
Transient Cerebral Ischemia	33	3.0	2.0	*	6.1	4.2	*	9.1	6.4	*
Stroke	59	22.0	22.2	6.1	33.9	28.1	9.3	39.0	32.5	11.7
Hip Fracture	41	7.3	7.2	*	9.8	12.8	*	9.8	16.3	*
Sepsis	20	25.0	24.3	*	45.0	32.3	*	50.0	38.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	3.2	*	16.7	6.4	*	16.7	9.8	*
Carotid Endarterectomy	16	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction	28	7.1	3.7	*	7.1	6.8	*	7.1	8.8	*
Open Reduction of Hip Fracture	9	0.0	6.0	*	11.1	11.2	*	11.1	14.7	*
Prostatectomy	48	0.0	0.7	*	0.0	1.8	*	8.3	3.1	*
Cholecystectomy	31	3.2	2.7	*	6.5	4.5	*	6.5	5.8	*
Hysterectomy	10	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,639	8.8	9.1	1.2	13.7	13.6	0.9	16.8	17.2	1.0
CONDITIONS:										
Acute Myocardial Infarction	59	33.9	30.6	6.1	35.6	34.1	6.2	40.7	37.6	6.4
Congestive Heart Failure	91	11.0	18.4	6.6	17.6	27.5	7.6	29.7	34.8	6.8
Pneumonia/Influenza	86	15.1	15.2	4.3	20.9	20.6	4.5	22.1	25.1	5.4
Chronic Obstructive Pulmonary Disease	18	11.1	12.8	*	11.1	19.8	*	27.8	25.6	*
Transient Cerebral Ischemia	35	2.9	1.8	*	2.9	3.8	*	2.9	5.8	*
Stroke	57	24.6	21.7	10.9	36.8	28.6	9.6	36.8	33.1	10.5
Hip Fracture	33	6.1	7.1	*	12.1	12.4	*	12.1	15.9	*
Sepsis	16	18.8	25.5	*	37.5	31.9	*	37.5	38.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	4.9	*	0.0	8.8	*	0.0	11.7	*
Carotid Endarterectomy	18	0.0	1.7	*	0.0	3.1	*	0.0	4.4	*
Hip Replacement/Reconstruction	23	0.0	4.8	*	4.3	8.6	*	4.3	11.2	*
Open Reduction of Hip Fracture	15	6.7	6.3	*	6.7	11.6	*	6.7	15.1	*
Prostatectomy	41	0.0	1.0	*	2.4	2.4	*	4.9	4.0	*
Cholecystectomy	37	2.7	2.5	*	2.7	4.6	*	2.7	6.0	*
Hysterectomy	10	10.0	4.7	*	10.0	5.4	*	10.0	5.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

345.1

BELOIT MEMORIAL HOSPITAL

January 14, 1991

Gail Wilensky, Ph.D., Administrator
Health Care Financing Administration
Health Standards and Quality Bureau
202 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Wilensky:

The HCFA Medicare mortality information assists with our ongoing quality improvement activities of clinical care evaluation. At Beloit Memorial Hospital, all mortalities are reviewed for appropriateness and quality of care. The HCFA data corresponds with what we have known, the care and services at Beloit Memorial Hospital are of a quality nature and appropriate to the national activity. A general analysis of the results identified the following limitations: 75% of the categories HCFA evaluated had questionable value for precision and interpretability due to fewer than 50 cases being analyzed. The majority of the patients had requests for no resuscitative measures, presented through the Emergency Room with severe coexisting and morbid illnesses, and/or were admitted to our Intensive Medical/Surgical/Coronary Care units.

In addition to volume, socioeconomic, and demographic factors, the complexity of the patient mix of our service area is a major factor influencing our mortality rates. Severity of illnesses and case mix were not considered in sufficient detail to provide meaningful results. Patient groupings were based on reasons of admission without consideration for significant coexisting conditions which may have been the etiology for the mortality. Our patients are of an older age group, with multiple medical conditions, increasing the likelihood for morbidity and mortality. The hospice unit increased our mix of patients with endstage diseases and immunocompromised status. There was an increased level of patient severity of illness at time of admission. Diseases evolve with different time courses, and treatments may have different short and long term impacts.

Our review, which is beneficial for more appropriate interpretations of mortality rates, provides the following additional information on the patients HCFA reviewed.

- Pneumonia: The higher numbers of deaths (61%) attributed to pneumonia occurred during the HCFA review of initial admissions and was reflective of a higher admission illness severity. Associated conditions present on admission which increased morbidity were carcinoma (22), respiratory insufficiency/failure (12%), other pulmonary conditions (29%), and CHF (19%). Admissions from nursing homes were 61%; 51% of the patients were over 80 years old; 25% of the patients died at other facilities.

- COPD variations in predicted and observed rates are attributable to the low volume of cases studied. 87% were admitted from nursing homes in severe conditions; 75% of these patients were over 70 years old and 12% were over 80. Associated conditions of severe cardiac and other pulmonary diseases were present.

- Review of the cholecystectomy mortalities revealed the following significant influencing factors: 50% were over 70 years old, and 33% were admitted from nursing homes. Associated conditions of cardiac 83%, renal conditions 66%, malignancy 16%, and pulmonary diseases 66% were present.

- The sepsis review highlighted the fact that 60% of the patients were over 80 years old, and 53% admitted from nursing homes. Associated conditions present were cardiac 53%, renal 40%, pulmonary 20%, and malignancy 6%. 46% of the patients died at other facilities.

- Our review of the hip replacement mortalities showed 100% of these patients were over 80 years of age. 50% were admitted from nursing homes, 100% had associated cardiopulmonary conditions, and 50% died elsewhere.

- Of the mortalities associated with prostatectomies, 60% of the patients were over 80 years of age and 20% were over 90. 60% had associated conditions of metastatic malignancy and 60% cardiac conditions.

- In the areas of hysterectomy, carotid endarterectomy, transient cerebral ischemia, acute MI, stroke, hip fracture, and open reduction of hip fracture, Beloit Memorial Hospital's results were below the predicted mortality rates.

HCFA acknowledges that there is no acceptable method of measuring quality based on mortality reports, and evaluation of quality can not be based solely upon the HCFA mortality data. Our review of the categories verified there were no aberrant physician trends of volume or practice patterns. A correction in the hospital characteristics which needs noting is that Beloit Memorial does have a Medical/Surgical and Coronary Intensive Care unit and has had one for the past years' reports as well.

Sincerely,

Greg K. Britton

Gregory K. Britton
President

BERLIN MEMORIAL HOSPITAL

225 Memorial Drive
Berlin, WI 54923

Medicare Provider Number: 520060

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	703	9.0	9.3	1.2	13.4	14.0	1.8	16.4	17.6	1.6
CONDITIONS:										
Acute Myocardial Infarction	28	21.4	24.6	*	25.0	28.0	*	28.6	31.5	*
Congestive Heart Failure	33	12.1	15.9	*	24.2	25.3	*	36.4	32.9	*
Pneumonia/Influenza	45	20.0	13.3	*	24.4	18.1	*	26.7	21.9	*
Chronic Obstructive Pulmonary Disease	14	7.1	7.6	*	7.1	13.6	*	14.3	19.1	*
Transient Cerebral Ischemia	10	0.0	3.2	*	0.0	7.4	*	10.0	11.3	*
Stroke	31	22.6	19.4	*	25.8	25.7	*	25.8	30.1	*
Hip Fracture	31	0.0	5.6	*	0.0	10.1	*	0.0	13.3	*
Sepsis	6	16.7	20.6	*	16.7	31.1	*	16.7	37.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	0.0	2.6	*	0.0	5.1	*	0.0	7.0	*
Open Reduction of Hip Fracture	2	0.0	4.7	*	0.0	9.1	*	0.0	12.3	*
Prostatectomy	17	0.0	0.5	*	0.0	1.2	*	5.9	2.2	*
Cholecystectomy	18	11.1	4.5	*	16.7	8.9	*	16.7	12.2	*
Hysterectomy	3	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	163
Occupancy Rate	79
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	49
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BERLIN MEMORIAL HOSPITAL

Medicare Provider Number: 520060

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	731	9.7	8.3	1.6	14.2	12.7	1.6	16.3	16.2	1.5
CONDITIONS:										
Acute Myocardial Infarction	20	50.0	27.2	*	55.0	30.5	*	60.0	34.0	*
Congestive Heart Failure	45	22.2	18.0	*	33.3	27.3	*	42.2	34.5	*
Pneumonia/Influenza	31	9.7	16.1	*	16.1	22.2	*	19.4	26.7	*
Chronic Obstructive Pulmonary Disease	12	16.7	6.2	*	16.7	12.2	*	16.7	17.2	*
Transient Cerebral Ischemia	5	0.0	2.3	*	0.0	5.2	*	20.0	8.3	*
Stroke	30	20.0	17.9	*	20.0	23.9	*	20.0	28.2	*
Hip Fracture	10	0.0	8.0	*	20.0	14.4	*	20.0	18.6	*
Sepsis	7	14.3	19.6	*	14.3	26.2	*	14.3	31.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	0.0	1.7	*	0.0	3.4	*	0.0	4.7	*
Open Reduction of Hip Fracture	1	0.0	4.6	*	0.0	9.2	*	0.0	12.7	*
Prostatectomy	20	0.0	0.6	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy	21	4.8	2.9	*	4.8	5.4	*	4.8	7.2	*
Hysterectomy	12	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	719	11.1	8.8	1.6	14.5	13.8	1.3	17.8	17.7	1.5
CONDITIONS:										
Acute Myocardial Infarction	20	25.0	25.7	*	30.0	28.8	*	40.0	32.0	*
Congestive Heart Failure	44	22.7	13.6	*	25.0	20.8	*	25.0	27.2	*
Pneumonia/Influenza	33	6.1	13.1	*	6.1	18.4	*	9.1	22.6	*
Chronic Obstructive Pulmonary Disease	8	0.0	7.8	*	0.0	12.9	*	0.0	17.6	*
Transient Cerebral Ischemia	17	0.0	2.0	*	5.9	4.7	*	5.9	7.7	*
Stroke	26	26.9	19.3	*	26.9	25.5	*	26.9	29.9	*
Hip Fracture	21	14.3	6.3	*	23.8	11.6	*	23.8	15.4	*
Sepsis	2	0.0	18.6	*	0.0	27.1	*	0.0	34.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	23	4.3	3.7	*	8.7	7.4	*	8.7	10.1	*
Open Reduction of Hip Fracture	2	0.0	6.8	*	0.0	14.2	*	0.0	19.7	*
Prostatectomy	27	0.0	0.7	*	11.1	1.8	*	14.8	3.1	*
Cholecystectomy	18	11.1	4.1	*	11.1	7.6	*	11.1	9.8	*
Hysterectomy	4	0.0	0.8	*	0.0	1.5	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BLACK RIVER FALLS MEMORIAL HOSPITAL

711 West Adams Street
Black River Falls, WI 54615

Medicare Provider Number: 520151

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	418	5.3	8.7	1.9	9.8	13.4	2.1	14.4	17.2	2.1
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	28.7	*	25.0	32.4	*	25.0	36.3	*
Congestive Heart Failure	21	4.8	13.2	*	19.0	20.2	*	33.3	26.5	*
Pneumonia/Influenza	36	5.6	16.5	*	13.9	22.8	*	16.7	27.5	*
Chronic Obstructive Pulmonary Disease	19	10.5	10.3	*	10.5	18.5	*	15.8	24.9	*
Transient Cerebral Ischemia	4	25.0	2.3	*	50.0	5.2	*	50.0	8.4	*
Stroke	9	0.0	18.6	*	11.1	24.6	*	11.1	29.1	*
Hip Fracture	5	20.0	6.2	*	20.0	11.4	*	40.0	14.9	*
Sepsis	4	0.0	25.5	*	0.0	35.6	*	25.0	43.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	2.4	*	0.0	5.1	*	25.0	7.3	*
Open Reduction of Hip Fracture	3	33.3	6.3	*	33.3	11.4	*	33.3	14.7	*
Prostatectomy	16	12.5	1.9	*	12.5	4.6	*	12.5	7.7	*
Cholecystectomy	14	0.0	2.5	*	7.1	4.4	*	7.1	5.7	*
Hysterectomy	7	0.0	1.6	*	0.0	3.4	*	0.0	5.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	51
Occupancy Rate	33
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	20
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BLACK RIVER FALLS MEMORIAL HOSPITAL

Medicare Provider Number: 520151

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	426	7.0	9.4	1.7	11.3	13.9	2.1	15.0	17.7	2.3
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	28.8	*	46.7	32.7	*	46.7	36.7	*
Congestive Heart Failure	25	12.0	17.4	*	20.0	27.0	*	28.0	34.5	*
Pneumonia/Influenza	33	6.1	13.9	*	6.1	18.7	*	9.1	22.9	*
Chronic Obstructive Pulmonary Disease	13	0.0	9.5	*	0.0	18.1	*	23.1	25.7	*
Transient Cerebral Ischemia	2	0.0	2.4	*	0.0	6.4	*	0.0	10.9	*
Stroke	12	50.0	23.5	*	50.0	30.4	*	50.0	35.6	*
Hip Fracture	1	0.0	4.0	*	0.0	7.1	*	0.0	9.3	*
Sepsis	13	15.4	29.9	*	30.8	36.3	*	38.5	42.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	21	0.0	0.9	*	0.0	2.4	*	9.5	4.2	*
Cholecystectomy	9	0.0	3.4	*	0.0	5.7	*	0.0	6.9	*
Hysterectomy	2	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	418	10.8	9.9	2.1	15.1	14.9	2.1	17.7	19.0	2.2
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	34.0	*	30.8	38.7	*	30.8	42.9	*
Congestive Heart Failure	24	16.7	18.8	*	37.5	29.0	*	37.5	36.7	*
Pneumonia/Influenza	24	33.3	21.1	*	41.7	28.2	*	41.7	33.8	*
Chronic Obstructive Pulmonary Disease	13	15.4	13.5	*	15.4	21.7	*	15.4	27.7	*
Transient Cerebral Ischemia	2	0.0	3.9	*	0.0	9.3	*	50.0	15.5	*
Stroke	15	26.7	22.1	*	33.3	28.3	*	33.3	33.1	*
Hip Fracture	2	0.0	4.9	*	0.0	9.5	*	0.0	12.9	*
Sepsis	13	7.7	26.2	*	23.1	32.5	*	30.8	38.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	22	4.5	1.9	*	4.5	4.5	*	9.1	7.4	*
Cholecystectomy	7	0.0	3.1	*	14.3	5.7	*	14.3	7.3	*
Hysterectomy	1	0.0	0.0	*	0.0	0.0	*	0.0	0.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BLOOMER COMMUNITY MEMORIAL HOSPITAL

1501 Thompson Street
Bloomer, WI 54724

Medicare Provider Number: 520153

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	202	12.9	8.7	3.5	15.8	13.3	3.2	19.3	16.9	3.7
CONDITIONS:										
Acute Myocardial Infarction	14	14.3	14.0	*	21.4	17.6	*	21.4	21.0	*
Congestive Heart Failure	12	8.3	12.8	*	25.0	19.7	*	41.7	25.8	*
Pneumonia/Influenza	11	36.4	16.8	*	36.4	23.2	*	45.5	28.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.6	*	0.0	12.4	*	0.0	16.8	*
Transient Cerebral Ischemia	3	0.0	1.5	*	0.0	3.4	*	0.0	5.6	*
Stroke	7	42.9	15.1	*	42.9	22.9	*	42.9	27.9	*
Hip Fracture	5	0.0	5.5	*	0.0	10.5	*	0.0	14.0	*
Sepsis	1	100.0	34.1	*	100.0	54.0	*	100.0	63.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.5	*	0.0	14.4	*	0.0	18.9	*
Open Reduction of Hip Fracture	2	0.0	5.0	*	0.0	10.4	*	0.0	14.6	*
Prostatectomy	4	0.0	0.5	*	0.0	1.1	*	0.0	1.9	*
Cholecystectomy	6	0.0	2.7	*	0.0	4.6	*	0.0	5.9	*
Hysterectomy	2	0.0	0.8	*	0.0	1.9	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	112
Occupancy Rate	68
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BLOOMER COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 520153

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	230	10.4	7.7	2.8	13.9	12.3	3.6	19.1	16.0	4.0
CONDITIONS:										
Acute Myocardial Infarction	11	9.1	18.0	*	9.1	22.6	*	9.1	26.9	*
Congestive Heart Failure	14	7.1	16.9	*	21.4	26.5	*	28.6	33.9	*
Pneumonia/Influenza	5	60.0	13.6	*	60.0	18.3	*	60.0	22.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.4	*	0.0	10.6	*	0.0	14.8	*
Transient Cerebral Ischemia	8	0.0	1.6	*	0.0	3.5	*	0.0	5.5	*
Stroke	9	33.3	18.1	*	33.3	25.2	*	55.6	29.9	*
Hip Fracture	6	0.0	5.4	*	16.7	9.8	*	16.7	12.6	*
Sepsis	2	50.0	27.0	*	50.0	34.5	*	50.0	40.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	7.3	*	33.3	13.6	*	33.3	17.4	*
Open Reduction of Hip Fracture	3	0.0	2.6	*	0.0	5.1	*	0.0	7.0	*
Prostatectomy	9	11.1	1.2	*	11.1	3.1	*	22.2	5.6	*
Cholecystectomy	6	0.0	5.8	*	16.7	9.5	*	16.7	11.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	207	11.6	8.9	2.3	16.4	13.8	3.1	17.9	17.8	2.8
CONDITIONS:										
Acute Myocardial Infarction	8	0.0	25.2	*	12.5	28.2	*	12.5	31.4	*
Congestive Heart Failure	13	15.4	16.2	*	15.4	24.4	*	30.8	31.3	*
Pneumonia/Influenza	9	11.1	16.4	*	22.2	23.0	*	33.3	28.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	16.4	*	0.0	24.6	*	0.0	30.3	*
Transient Cerebral Ischemia	5	0.0	1.6	*	0.0	3.6	*	0.0	5.9	*
Stroke	11	36.4	13.4	*	45.5	19.8	*	45.5	23.9	*
Hip Fracture	2	0.0	2.7	*	0.0	5.2	*	0.0	7.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	2.3	*	0.0	4.7	*	0.0	6.6	*
Prostatectomy	4	0.0	1.3	*	0.0	3.0	*	0.0	4.7	*
Cholecystectomy	6	0.0	4.0	*	16.7	8.6	*	16.7	13.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

BURNETT GENERAL HOSPITAL INC

257 W St George Ave
Grantsburg, WI 54840

Medicare Provider Number: 520130

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	162	11.7	11.6	3.9	15.4	17.3	4.1	19.8	21.4	3.5
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	29.9	*	25.0	36.1	*	25.0	40.2	*
Congestive Heart Failure	9	33.3	13.4	*	33.3	20.4	*	33.3	26.4	*
Pneumonia/Influenza	10	30.0	21.2	*	30.0	28.6	*	30.0	34.1	*
Chronic Obstructive Pulmonary Disease	9	0.0	5.7	*	0.0	10.4	*	11.1	14.9	*
Transient Cerebral Ischemia	1	0.0	0.9	*	0.0	1.8	*	0.0	2.7	*
Stroke	7	0.0	17.9	*	0.0	23.6	*	14.3	27.9	*
Hip Fracture	1	0.0	3.2	*	0.0	6.1	*	0.0	8.2	*
Sepsis	3	66.7	33.7	*	66.7	42.2	*	66.7	48.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.7	*	0.0	1.9	*	0.0	3.3	*
Cholecystectomy	0									
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	84
Occupancy Rate	70
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	2
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

BURNETT GENERAL HOSPITAL INC

Medicare Provider Number: 520130

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	183	13.7	9.0	3.5	18.6	13.8	3.8	21.9	17.7	4.1
CONDITIONS:										
Acute Myocardial Infarction	5	0.0	25.7	*	40.0	29.2	*	40.0	33.3	*
Congestive Heart Failure	9	11.1	20.2	*	11.1	30.7	*	22.2	38.8	*
Pneumonia/Influenza	15	46.7	16.9	*	53.3	23.2	*	53.3	28.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.8	*	0.0	13.4	*	0.0	17.8	*
Transient Cerebral Ischemia	2	0.0	2.0	*	0.0	4.4	*	0.0	7.1	*
Stroke	7	42.9	23.6	*	42.9	30.4	*	42.9	35.4	*
Hip Fracture	1	0.0	3.9	*	0.0	8.2	*	0.0	11.4	*
Sepsis	2	0.0	15.8	*	0.0	21.8	*	0.0	27.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*
Cholecystectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*
Hysterectomy	2	0.0	0.4	*	0.0	1.1	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	186	10.2	8.8	3.7	16.7	13.7	4.5	19.4	17.7	5.4
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	29.5	*	14.3	34.4	*	14.3	37.9	*
Congestive Heart Failure	8	25.0	12.8	*	37.5	19.4	*	37.5	25.2	*
Pneumonia/Influenza	12	16.7	17.0	*	33.3	23.2	*	33.3	28.3	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.0	*	0.0	12.4	*	20.0	16.1	*
Transient Cerebral Ischemia	2	0.0	1.4	*	0.0	2.6	*	0.0	3.9	*
Stroke	11	9.1	18.0	*	27.3	23.5	*	27.3	28.1	*
Hip Fracture	0									
Sepsis	1	0.0	7.4	*	0.0	11.7	*	0.0	15.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy	1	0.0	0.7	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy	3	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CALUMET MEDICAL CENTER

614 Memorial Drive
Chilton, WI 53014

Medicare Provider Number: 520115

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	396	12.9	8.8	1.9	17.4	13.4	2.3	20.2	17.1	2.1
CONDITIONS:										
Acute Myocardial Infarction	17	41.2	23.5	*	47.1	27.0	*	52.9	30.3	*
Congestive Heart Failure	25	36.0	14.0	*	48.0	22.0	*	52.0	28.7	*
Pneumonia/Influenza	14	35.7	19.6	*	42.9	27.0	*	42.9	32.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	6.5	*	25.0	11.7	*	50.0	16.6	*
Transient Cerebral Ischemia	4	0.0	1.4	*	25.0	3.2	*	25.0	5.2	*
Stroke	21	4.8	15.8	*	4.8	22.4	*	4.8	26.8	*
Hip Fracture	13	23.1	4.1	*	23.1	7.8	*	23.1	10.5	*
Sepsis	6	83.3	30.9	*	83.3	36.5	*	83.3	43.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	2.8	*	12.5	5.4	*	12.5	7.5	*
Open Reduction of Hip Fracture	6	33.3	3.9	*	33.3	7.6	*	33.3	10.3	*
Prostatectomy	14	0.0	1.3	*	0.0	3.3	*	0.0	5.9	*
Cholecystectomy	11	9.1	4.1	*	9.1	8.2	*	9.1	11.2	*
Hysterectomy	2	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	53
Occupancy Rate	28
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	55
Medical Residents/Interns	0
Registered Nurses	27
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CALUMET MEDICAL CENTER

Medicare Provider Number: 520115

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	460	9.8	8.5	1.9	14.1	13.3	2.4	19.6	17.1	2.5
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	23.0	*	37.5	25.9	*	43.8	29.3	*
Congestive Heart Failure	25	28.0	17.7	*	32.0	27.3	*	52.0	34.7	*
Pneumonia/Influenza	18	16.7	20.7	*	27.8	28.3	*	27.8	33.9	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.2	*	0.0	12.4	*	25.0	17.3	*
Transient Cerebral Ischemia	10	0.0	1.4	*	10.0	3.2	*	10.0	5.0	*
Stroke	31	9.7	17.9	*	16.1	24.8	*	22.6	29.4	*
Hip Fracture	8	50.0	5.7	*	50.0	10.5	*	50.0	13.6	*
Sepsis	2	0.0	26.1	*	0.0	30.4	*	0.0	35.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	11.1	2.0	*	11.1	4.0	*	11.1	5.5	*
Open Reduction of Hip Fracture	3	100.0	8.1	*	100.0	15.2	*	100.0	19.4	*
Prostatectomy	14	0.0	0.9	*	7.1	2.3	*	28.6	4.0	*
Cholecystectomy	12	0.0	2.3	*	16.7	4.4	*	25.0	5.6	*
Hysterectomy	4	0.0	0.8	*	0.0	2.0	*	0.0	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	447	12.1	9.1	2.2	16.3	14.0	2.1	19.7	17.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	22	31.8	22.1	*	31.8	25.4	*	40.9	28.9	*
Congestive Heart Failure	29	34.5	15.0	*	37.9	22.5	*	37.9	29.0	*
Pneumonia/Influenza	16	25.0	14.3	*	25.0	19.5	*	31.3	23.7	*
Chronic Obstructive Pulmonary Disease	6	16.7	19.0	*	16.7	32.4	*	16.7	40.1	*
Transient Cerebral Ischemia	10	20.0	2.4	*	20.0	5.5	*	30.0	8.7	*
Stroke	19	42.1	20.3	*	47.4	28.1	*	47.4	33.1	*
Hip Fracture	10	20.0	7.7	*	20.0	14.0	*	30.0	18.1	*
Sepsis	4	50.0	27.2	*	50.0	33.5	*	50.0	39.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	3.1	*	16.7	5.9	*	33.3	7.7	*
Open Reduction of Hip Fracture	7	14.3	7.3	*	14.3	13.9	*	14.3	18.5	*
Prostatectomy	17	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*
Cholecystectomy	14	0.0	5.1	*	14.3	9.9	*	21.4	13.5	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CHIPPEWA VALLEY HOSPITAL

1620 Third Ave West
Durand, WI 54736

Medicare Provider Number: 520171

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	218	11.0	10.2	2.1	14.2	15.3	2.6	16.1	19.3	3.4
CONDITIONS:										
Acute Myocardial Infarction	8	62.5	39.6	*	62.5	45.1	*	62.5	50.6	*
Congestive Heart Failure	10	10.0	19.1	*	10.0	30.2	*	10.0	38.4	*
Pneumonia/Influenza	17	11.8	11.4	*	11.8	16.0	*	17.6	20.0	*
Chronic Obstructive Pulmonary Disease	5	20.0	9.3	*	40.0	16.0	*	40.0	21.9	*
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	4.4	*	0.0	7.1	*
Stroke	16	18.8	19.7	*	25.0	26.6	*	31.3	31.2	*
Hip Fracture	2	0.0	7.4	*	0.0	14.3	*	0.0	19.6	*
Sepsis	4	0.0	19.8	*	0.0	26.6	*	0.0	31.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	6.4	*	0.0	13.1	*	0.0	18.2	*
Prostatectomy	1	0.0	1.2	*	0.0	3.4	*	0.0	6.3	*
Cholecystectomy	3	0.0	1.5	*	0.0	2.6	*	0.0	3.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	90
Occupancy Rate	74
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CHIPPEWA VALLEY HOSPITAL

Medicare Provider Number: 520171

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	254	7.5	10.0	2.6	11.4	14.8	3.3	15.0	18.7	4.1
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	26.4	*	40.0	30.0	*	40.0	34.0	*
Congestive Heart Failure	25	8.0	16.8	*	24.0	25.6	*	24.0	32.8	*
Pneumonia/Influenza	23	0.0	13.9	*	8.7	18.3	*	13.0	22.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	7.1	*	0.0	11.7	*	50.0	16.1	*
Transient Cerebral Ischemia	11	0.0	2.6	*	0.0	5.8	*	9.1	9.3	*
Stroke	24	33.3	20.7	*	37.5	27.9	*	45.8	32.8	*
Hip Fracture	5	0.0	6.2	*	0.0	11.7	*	20.0	15.4	*
Sepsis	1	0.0	18.6	*	0.0	24.9	*	0.0	29.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	6.6	*	0.0	13.9	*	50.0	19.0	*
Open Reduction of Hip Fracture	2	0.0	5.4	*	0.0	9.5	*	0.0	12.1	*
Prostatectomy	3	0.0	0.7	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy	3	0.0	1.2	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	4	0.0	0.8	*	0.0	1.6	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	219	7.8	8.0	2.0	11.9	12.1	2.2	15.1	15.5	2.5
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	30.4	*	28.6	34.3	*	42.9	38.1	*
Congestive Heart Failure	14	14.3	16.9	*	28.6	25.6	*	28.6	32.6	*
Pneumonia/Influenza	12	25.0	11.5	*	25.0	15.9	*	25.0	19.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.0	*	0.0	12.8	*	0.0	17.0	*
Transient Cerebral Ischemia	9	0.0	2.2	*	0.0	4.9	*	11.1	7.8	*
Stroke	15	6.7	20.2	*	33.3	27.4	*	46.7	32.5	*
Hip Fracture	1	0.0	5.6	*	0.0	10.8	*	0.0	14.6	*
Sepsis	2	0.0	21.9	*	0.0	25.8	*	0.0	30.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	4.8	*	0.0	9.8	*	0.0	13.5	*
Prostatectomy	1	0.0	0.2	*	0.0	0.5	*	0.0	0.9	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.6	*	0.0	1.8	*	0.0	3.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CLINTONVILLE COMMUNITY HOSPITAL

35 N Anne Street
Clintonville, WI 54929

Medicare Provider Number: 520012

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	226	8.4	8.0	2.0	13.3	12.8	2.4	15.0	16.6	2.9
CONDITIONS:										
Acute Myocardial Infarction	3	33.3	15.3	*	33.3	18.3	*	33.3	21.8	*
Congestive Heart Failure	21	19.0	15.9	*	33.3	24.7	*	42.9	31.8	*
Pneumonia/Influenza	23	0.0	13.8	*	13.0	19.3	*	13.0	23.7	*
Chronic Obstructive Pulmonary Disease	2	50.0	10.7	*	50.0	19.0	*	50.0	25.6	*
Transient Cerebral Ischemia	2	0.0	3.0	*	0.0	7.4	*	0.0	12.5	*
Stroke	6	33.3	15.5	*	33.3	21.5	*	33.3	25.8	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	0.7	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy	2	0.0	0.8	*	0.0	1.4	*	0.0	1.8	*
Hysterectomy	1	0.0	0.4	*	0.0	0.6	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	28
Occupancy Rate	43
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CLINTONVILLE COMMUNITY HOSPITAL

Medicare Provider Number: 520012

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	225	14.2	10.3	2.4	18.7	15.6	2.8	24.9	19.9	3.2
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	31.4	*	14.3	35.9	*	14.3	40.1	*
Congestive Heart Failure	21	33.3	13.8	*	33.3	20.8	*	33.3	26.9	*
Pneumonia/Influenza	20	25.0	16.4	*	35.0	22.6	*	45.0	27.3	*
Chronic Obstructive Pulmonary Disease	3	33.3	6.0	*	33.3	10.8	*	33.3	15.4	*
Transient Cerebral Ischemia	8	0.0	2.3	*	0.0	5.0	*	25.0	7.9	*
Stroke	8	37.5	18.9	*	37.5	27.8	*	50.0	33.5	*
Hip Fracture	3	0.0	4.8	*	0.0	9.3	*	0.0	12.5	*
Sepsis	3	33.3	23.1	*	33.3	36.4	*	33.3	45.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.4	*	0.0	6.3	*	0.0	8.3	*
Open Reduction of Hip Fracture	2	0.0	4.7	*	0.0	9.6	*	0.0	13.4	*
Prostatectomy	4	0.0	0.9	*	0.0	2.0	*	25.0	3.3	*
Cholecystectomy	4	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy	3	33.3	1.0	*	33.3	2.5	*	33.3	4.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	269	13.0	8.6	2.6	17.5	13.0	2.9	20.4	16.7	3.1
CONDITIONS:										
Acute Myocardial Infarction	14	14.3	19.8	*	21.4	23.6	*	21.4	27.2	*
Congestive Heart Failure	20	20.0	12.6	*	25.0	19.6	*	35.0	25.9	*
Pneumonia/Influenza	23	17.4	14.2	*	30.4	19.4	*	30.4	24.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.5	*	20.0	12.7	*	20.0	16.8	*
Transient Cerebral Ischemia	9	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke	12	50.0	17.5	*	58.3	24.2	*	58.3	28.9	*
Hip Fracture	3	0.0	6.5	*	0.0	10.8	*	0.0	13.8	*
Sepsis	3	33.3	21.7	*	33.3	27.5	*	66.7	33.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	11	0.0	2.0	*	9.1	5.0	*	9.1	8.1	*
Cholecystectomy	1	100.0	7.1	*	100.0	10.9	*	100.0	12.4	*
Hysterectomy	2	0.0	0.6	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COLUMBIA HOSPITAL INC

2025 East Newport Avenue
Milwaukee, WI 53211

Medicare Provider Number: 520140

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,022	8.1	8.6	0.9	12.5	13.0	1.1	15.9	16.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	89	23.6	26.4	7.6	27.0	29.9	8.0	29.2	33.5	7.3
Congestive Heart Failure	96	17.7	16.3	4.5	28.1	25.0	5.5	35.4	32.0	5.8
Pneumonia/Influenza	79	19.0	17.4	4.5	26.6	23.7	5.4	32.9	28.5	7.3
Chronic Obstructive Pulmonary Disease	23	8.7	9.9	*	8.7	17.0	*	26.1	23.0	*
Transient Cerebral Ischemia	15	0.0	1.9	*	20.0	4.2	*	20.0	6.6	*
Stroke	117	17.9	22.2	6.4	23.9	29.0	5.5	31.6	33.6	4.9
Hip Fracture	96	7.3	6.6	2.6	9.4	11.8	3.9	12.5	15.2	4.5
Sepsis	44	20.5	31.3	*	22.7	36.9	*	27.3	42.7	*
PROCEDURES:										
Angioplasty	45	0.0	2.6	*	0.0	3.8	*	0.0	5.0	*
Coronary Artery Bypass Graft	50	4.0	5.2	*	8.0	7.2	*	10.0	8.4	*
Initial Pacemaker Insertion	19	5.3	4.9	*	5.3	8.4	*	5.3	11.3	*
Carotid Endarterectomy	8	0.0	1.7	*	12.5	3.5	*	12.5	5.5	*
Hip Replacement/Reconstruction	130	3.1	2.4	1.7	5.4	4.4	1.9	6.2	5.8	2.1
Open Reduction of Hip Fracture	36	5.6	5.3	*	5.6	10.2	*	11.1	13.6	*
Prostatectomy	101	1.0	1.1	1.5	2.0	2.5	2.6	5.0	4.1	2.4
Cholecystectomy	55	0.0	3.7	4.2	3.6	6.2	5.1	3.6	7.5	5.4
Hysterectomy	32	3.1	0.9	*	3.1	1.9	*	3.1	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	394
Occupancy Rate	58
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	240
Percent of Physicians Board Certified Specialists	95
Medical Residents/Interns	0
Registered Nurses	280
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COLUMBIA HOSPITAL INC

Medicare Provider Number: 520140

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,026	7.4	8.4	0.7	11.7	12.8	0.9	15.0	16.2	0.9
CONDITIONS:										
Acute Myocardial Infarction	66	21.2	27.5	8.6	24.2	31.3	8.8	27.3	35.2	8.3
Congestive Heart Failure	94	13.8	15.7	3.9	19.1	23.8	5.3	21.3	30.5	7.2
Pneumonia/Influenza	88	21.6	17.7	4.9	30.7	24.4	5.5	42.0	29.4	7.1
Chronic Obstructive Pulmonary Disease	19	0.0	8.9	*	5.3	14.8	*	5.3	20.4	*
Transient Cerebral Ischemia	27	0.0	1.3	*	0.0	2.9	*	0.0	4.6	*
Stroke	101	15.8	22.8	5.8	22.8	29.4	5.4	26.7	34.1	5.8
Hip Fracture	99	9.1	7.2	3.3	11.1	13.2	3.7	15.2	17.0	4.2
Sepsis	42	19.0	31.1	*	23.8	37.8	*	31.0	44.0	*
PROCEDURES:										
Angioplasty	17	0.0	4.1	*	0.0	5.4	*	0.0	6.5	*
Coronary Artery Bypass Graft	46	6.5	5.7	*	6.5	8.1	*	13.0	9.4	*
Initial Pacemaker Insertion	9	0.0	3.1	*	0.0	6.8	*	0.0	10.4	*
Carotid Endarterectomy	6	0.0	1.5	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction	143	3.5	2.0	1.9	4.2	3.8	2.9	6.3	5.0	2.8
Open Reduction of Hip Fracture	33	6.1	6.7	*	9.1	12.6	*	12.1	16.5	*
Prostatectomy	112	0.0	1.2	1.5	0.9	2.8	2.5	5.4	4.6	2.2
Cholecystectomy	58	1.7	3.9	3.2	5.2	6.7	4.0	6.9	8.5	4.0
Hysterectomy	22	4.5	0.8	*	4.5	1.7	*	4.5	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,719	8.1	8.7	1.0	13.1	13.4	1.1	16.1	17.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	70	22.9	33.4	9.6	28.6	36.8	9.4	31.4	40.4	8.8
Congestive Heart Failure	104	17.3	17.1	3.7	27.9	25.6	5.4	31.7	32.6	4.7
Pneumonia/Influenza	117	14.5	17.1	4.2	22.2	23.4	4.6	26.5	28.4	4.5
Chronic Obstructive Pulmonary Disease	19	21.1	13.4	*	36.8	21.3	*	42.1	27.2	*
Transient Cerebral Ischemia	31	3.2	2.0	*	3.2	4.4	*	12.9	6.9	*
Stroke	100	15.0	20.6	6.3	24.0	27.6	6.2	32.0	32.4	4.7
Hip Fracture	85	8.2	6.6	3.3	11.8	12.0	3.6	15.3	15.6	3.9
Sepsis	21	23.8	30.8	*	38.1	39.1	*	52.4	45.6	*
PROCEDURES:										
Angioplasty	1	0.0	1.5	*	0.0	2.4	*	0.0	3.6	*
Coronary Artery Bypass Graft	18	5.6	6.8	*	5.6	8.8	*	5.6	10.0	*
Initial Pacemaker Insertion	12	8.3	4.7	*	8.3	8.5	*	8.3	11.8	*
Carotid Endarterectomy	6	0.0	1.5	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	127	0.8	2.2	1.9	1.6	4.0	2.6	3.1	5.3	2.8
Open Reduction of Hip Fracture	39	12.8	6.1	*	15.4	11.9	*	17.9	15.9	*
Prostatectomy	98	1.0	0.7	0.9	1.0	1.8	2.4	4.1	3.0	2.5
Cholecystectomy	54	1.9	4.5	*	1.9	8.4	*	1.9	11.5	*
Hysterectomy	24	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COLUMBUS COMMUNITY HOSPITAL

1515 Park Avenue
Columbus, WI 53925

Medicare Provider Number: 520084

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	520	8.3	10.7	1.6	12.7	16.2	2.0	16.9	20.6	2.2
CONDITIONS:										
Acute Myocardial Infarction	19	15.8	28.2	*	15.8	32.6	*	26.3	36.4	*
Congestive Heart Failure	31	22.6	17.3	*	25.8	26.7	*	29.0	34.1	*
Pneumonia/Influenza	42	7.1	23.7	*	14.3	31.7	*	16.7	37.6	*
Chronic Obstructive Pulmonary Disease	12	0.0	6.1	*	0.0	12.5	*	0.0	18.4	*
Transient Cerebral Ischemia	7	0.0	2.2	*	0.0	4.9	*	0.0	7.8	*
Stroke	17	17.6	21.7	*	23.5	28.7	*	41.2	33.3	*
Hip Fracture	14	7.1	5.5	*	14.3	10.5	*	14.3	14.3	*
Sepsis	9	55.6	27.3	*	55.6	36.6	*	55.6	43.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	25.0	4.0	*	25.0	8.8	*	25.0	12.9	*
Open Reduction of Hip Fracture	7	0.0	5.8	*	14.3	10.9	*	14.3	14.7	*
Prostatectomy	16	0.0	0.6	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy	6	0.0	2.6	*	0.0	3.9	*	0.0	4.7	*
Hysterectomy	4	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	53
Occupancy Rate	47
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	14
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	0
Registered Nurses	34
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COLUMBUS COMMUNITY HOSPITAL

Medicare Provider Number: 520084

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	547	7.3	10.0	1.8	12.1	15.3	2.1	15.4	19.6	2.6
CONDITIONS:										
Acute Myocardial Infarction	21	23.8	26.2	*	23.8	28.9	*	28.6	32.0	*
Congestive Heart Failure	29	0.0	17.5	*	6.9	26.8	*	17.2	34.2	*
Pneumonia/Influenza	42	16.7	22.4	*	19.0	29.7	*	19.0	34.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.8	*	0.0	14.8	*	0.0	20.2	*
Transient Cerebral Ischemia	16	0.0	2.9	*	12.5	6.9	*	12.5	11.3	*
Stroke	13	30.8	25.5	*	38.5	34.6	*	38.5	39.9	*
Hip Fracture	15	0.0	6.0	*	0.0	11.0	*	0.0	14.4	*
Sepsis	6	0.0	36.5	*	0.0	46.4	*	0.0	53.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	4.9	*	0.0	9.6	*	0.0	12.8	*
Open Reduction of Hip Fracture	7	0.0	5.7	*	0.0	10.6	*	0.0	14.0	*
Prostatectomy	16	0.0	1.0	*	0.0	2.8	*	0.0	5.1	*
Cholecystectomy	5	0.0	1.2	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	1	0.0	0.9	*	0.0	1.4	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	507	8.1	10.1	1.6	11.2	15.4	2.1	14.8	19.7	2.4
CONDITIONS:										
Acute Myocardial Infarction	23	17.4	23.9	*	17.4	28.3	*	17.4	31.9	*
Congestive Heart Failure	36	13.9	18.6	*	22.2	26.4	*	27.8	32.8	*
Pneumonia/Influenza	32	28.1	23.0	*	31.3	30.7	*	34.4	36.6	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.7	*	33.3	14.8	*	50.0	19.8	*
Transient Cerebral Ischemia	4	0.0	1.6	*	0.0	3.5	*	0.0	5.5	*
Stroke	22	18.2	21.5	*	22.7	28.7	*	22.7	33.6	*
Hip Fracture	11	9.1	9.8	*	18.2	16.9	*	18.2	21.4	*
Sepsis	11	0.0	19.9	*	0.0	28.4	*	9.1	34.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	4.0	*	16.7	8.3	*	16.7	11.8	*
Open Reduction of Hip Fracture	4	0.0	9.0	*	0.0	15.9	*	0.0	20.2	*
Prostatectomy	19	0.0	0.8	*	0.0	2.0	*	5.3	3.6	*
Cholecystectomy	11	9.1	2.8	*	9.1	4.9	*	9.1	6.4	*
Hysterectomy	4	0.0	0.3	*	0.0	0.7	*	25.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY MEMORIAL HOSPITAL

819 Ash Street
Spooner, WI 54801

Medicare Provider Number: 520047

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	376	9.3	10.7	2.1	13.6	16.6	2.8	17.3	21.3	3.0
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	26.7	*	25.0	31.5	*	37.5	35.9	*
Congestive Heart Failure	26	3.8	16.3	*	11.5	24.5	*	15.4	31.3	*
Pneumonia/Influenza	33	9.1	17.9	*	9.1	23.9	*	15.2	28.7	*
Chronic Obstructive Pulmonary Disease	3	33.3	27.6	*	33.3	36.9	*	33.3	43.5	*
Transient Cerebral Ischemia	4	25.0	3.5	*	25.0	8.5	*	25.0	13.9	*
Stroke	18	27.8	19.2	*	27.8	26.7	*	33.3	31.3	*
Hip Fracture	2	0.0	3.0	*	0.0	5.7	*	50.0	8.0	*
Sepsis	7	14.3	23.3	*	42.9	32.8	*	57.1	40.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	1.4	*	0.0	3.4	*	0.0	5.5	*
Cholecystectomy	7	0.0	3.1	*	0.0	5.9	*	0.0	7.7	*
Hysterectomy	2	0.0	5.9	*	0.0	11.8	*	0.0	17.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	136
Occupancy Rate	77
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	14
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 520047

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	364	9.9	10.8	1.8	13.5	16.2	2.6	17.0	20.5	3.1
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	28.1	*	27.3	31.0	*	27.3	34.4	*
Congestive Heart Failure	26	11.5	16.8	*	15.4	25.5	*	23.1	32.8	*
Pneumonia/Influenza	29	10.3	18.4	*	13.8	24.0	*	17.2	28.2	*
Chronic Obstructive Pulmonary Disease	3	0.0	2.8	*	0.0	5.4	*	0.0	7.6	*
Transient Cerebral Ischemia	6	0.0	2.2	*	0.0	4.9	*	0.0	7.9	*
Stroke	24	33.3	23.3	*	33.3	31.4	*	37.5	36.6	*
Hip Fracture	0									
Sepsis	13	7.7	21.6	*	7.7	30.2	*	15.4	37.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	10	10.0	1.6	*	10.0	3.8	*	20.0	6.1	*
Cholecystectomy	1	0.0	1.0	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	375	7.5	9.4	1.8	10.7	14.5	2.7	14.7	18.6	2.9
CONDITIONS:										
Acute Myocardial Infarction	16	12.5	25.0	*	18.8	28.3	*	25.0	31.8	*
Congestive Heart Failure	27	11.1	18.7	*	11.1	28.5	*	22.2	36.4	*
Pneumonia/Influenza	25	8.0	14.9	*	16.0	20.6	*	20.0	24.9	*
Chronic Obstructive Pulmonary Disease	9	0.0	6.4	*	11.1	10.9	*	11.1	14.9	*
Transient Cerebral Ischemia	5	0.0	1.7	*	0.0	3.5	*	0.0	5.5	*
Stroke	22	36.4	23.1	*	40.9	31.3	*	40.9	36.4	*
Hip Fracture	1	0.0	9.2	*	0.0	15.8	*	0.0	19.7	*
Sepsis	7	0.0	17.2	*	0.0	24.9	*	14.3	30.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	0.8	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy	4	0.0	2.3	*	0.0	3.9	*	0.0	4.7	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

COMMUNITY MEMORIAL HOSPITAL

W180 N8085 Town Hall Rd
Menomonee Falls, WI 53051

Medicare Provider Number: 520103

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS			90 DAYS OBS			180 DAYS OBS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,276	10.5	9.7	1.0	13.9	14.7	1.1	17.7	18.5	1.2
CONDITIONS:										
Acute Myocardial Infarction	42	31.0	29.9	*	31.0	33.2	*	35.7	36.5	*
Congestive Heart Failure	78	14.1	15.8	4.3	25.6	24.2	5.8	33.3	31.3	5.4
Pneumonia/Influenza	44	22.7	19.2	*	27.3	26.0	*	34.1	30.9	*
Chronic Obstructive Pulmonary Disease	14	7.1	5.9	*	7.1	9.8	*	7.1	13.4	*
Transient Cerebral Ischemia	15	0.0	2.5	*	0.0	5.5	*	0.0	8.7	*
Stroke	57	19.3	22.1	6.2	22.8	28.5	8.1	26.3	33.0	8.6
Hip Fracture	49	6.1	6.9	*	8.2	12.2	*	10.2	15.7	*
Sepsis	17	0.0	25.4	*	5.9	35.1	*	11.8	41.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	2.2	*	0.0	4.6	*	0.0	7.0	*
Carotid Endarterectomy	5	0.0	1.1	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction	36	5.6	4.0	*	8.3	7.0	*	8.3	9.1	*
Open Reduction of Hip Fracture	5	0.0	7.2	*	0.0	13.1	*	0.0	16.7	*
Prostatectomy	75	0.0	0.6	1.5	1.3	1.6	2.5	5.3	2.8	2.7
Cholecystectomy	37	0.0	2.1	*	0.0	3.9	*	2.7	5.2	*
Hysterectomy	6	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	156
Occupancy Rate	61
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	102
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	143
Licensed Practical Nurses	24

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 520103

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,398	8.3	9.0	1.1	13.2	13.6	1.7	15.6	17.3	2.0
CONDITIONS:										
Acute Myocardial Infarction	48	18.8	30.0	*	22.9	33.7	*	27.1	37.4	*
Congestive Heart Failure	71	8.5	16.2	6.1	14.1	24.9	8.0	19.7	31.9	8.8
Pneumonia/Influenza	32	9.4	17.2	*	12.5	22.9	*	18.8	27.4	*
Chronic Obstructive Pulmonary Disease	10	10.0	9.1	*	20.0	15.1	*	30.0	20.4	*
Transient Cerebral Ischemia	19	0.0	1.7	*	0.0	3.6	*	5.3	5.7	*
Stroke	59	23.7	21.2	7.1	39.0	27.2	10.2	40.7	31.6	11.7
Hip Fracture	35	2.9	7.5	*	5.7	13.2	*	11.4	16.7	*
Sepsis	15	26.7	25.9	*	46.7	33.1	*	46.7	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	5.9	*	0.0	9.5	*	0.0	13.3	*
Carotid Endarterectomy	10	10.0	2.0	*	20.0	4.1	*	20.0	6.3	*
Hip Replacement/Reconstruction	22	0.0	1.9	*	4.5	3.7	*	4.5	5.1	*
Open Reduction of Hip Fracture	8	12.5	5.5	*	12.5	10.0	*	12.5	12.9	*
Prostatectomy	95	2.1	0.7	1.5	2.1	1.8	2.0	4.2	3.0	2.4
Cholecystectomy	39	5.1	3.4	*	10.3	6.3	*	12.8	8.4	*
Hysterectomy	18	0.0	0.9	*	0.0	1.6	*	0.0	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,353	9.5	9.8	0.9	14.5	14.5	1.0	18.0	18.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	51	21.6	33.9	8.0	29.4	37.6	7.9	37.3	41.6	7.1
Congestive Heart Failure	70	24.3	15.9	7.2	34.3	24.4	7.2	35.7	31.6	6.3
Pneumonia/Influenza	34	26.5	20.4	*	32.4	27.3	*	32.4	32.6	*
Chronic Obstructive Pulmonary Disease	14	0.0	8.0	*	14.3	13.8	*	14.3	18.4	*
Transient Cerebral Ischemia	16	0.0	2.3	*	0.0	5.2	*	0.0	8.3	*
Stroke	59	22.0	22.3	6.0	30.5	28.8	6.1	33.9	33.5	6.2
Hip Fracture	28	7.1	8.3	*	14.3	14.3	*	21.4	18.0	*
Sepsis	13	15.4	33.6	*	30.8	41.4	*	30.8	47.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	20.0	7.2	*	26.7	12.7	*	40.0	16.8	*
Carotid Endarterectomy	8	0.0	1.6	*	0.0	3.0	*	0.0	4.2	*
Hip Replacement/Reconstruction	27	3.7	4.4	*	7.4	7.8	*	11.1	9.9	*
Open Reduction of Hip Fracture	5	0.0	8.1	*	0.0	14.1	*	0.0	17.7	*
Prostatectomy	89	1.1	0.8	1.4	2.2	1.8	1.8	2.2	3.1	2.4
Cholecystectomy	33	0.0	2.8	*	0.0	5.1	*	0.0	6.7	*
Hysterectomy	15	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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367.2

cmh community memorial hospital

Robert E. Drisner
President

"More Than A Hospital"
W180 N8085 Town Hall Road
P.O. Box 408
Menomonee Falls, WI 53051
414-251-1000

January 10, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
ATTN: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Medicare Provider Number 510103

Gentlemen:

We appreciate the opportunity to review and make comments regarding our FY 1989 mortality data. Although our mortality rates compare favorably with HCFA's predicted rates, we believe that statistics alone cannot be used to judge the quality of care. An in-depth review of the circumstances surrounding each death is required in order to avoid inappropriate conclusions about a hospital's quality of care. Our medical staff routinely conducts such reviews, as does the Wisconsin Peer Review Organization, using guidelines from HCFA.

HCFA made a number of major changes in this year's report. Most notably is the use of a new statistical model for predicting the probability of death, and the use of extended timeframes to link deaths and hospitalizations. The new model, like the one that preceded it, ignores several factors that may affect a hospital's mortality rate. Such factors include the patient's severity of illness, patient's "do not resuscitate" requests and the types of diagnostic and therapeutic services available at the hospital.

Rather than using deaths in the hospital to represent a hospital's mortality rate, HCFA has chosen to include deaths occurring up to six months post-admission. Attributing deaths during that extended post-hospital period is not a reasonable measure of a hospital's mortality rate. Such information incorrectly infers a direct relationship between the death and the hospitalization. There are simply too many factors beyond a hospital's control once the patient is discharged. Additionally, for several of the diagnoses and procedures displayed in the report, it is highly unlikely that the cause of death would be related to the principle reason for the patient's last hospitalization.

Thank you for the opportunity to review and comment on your report. Despite its limitations, we will use the data in our continuing efforts to provide high quality healthcare.

Sincerely,

Robert E. Drisner

Robert E. Drisner
President

RED:JJ/sss

COMMUNITY MEMORIAL HOSPITAL INC

855 South Main Street
Oconto Falls, WI 54154

Medicare Provider Number: 520101

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	392	13.8	11.3	2.2	16.6	16.3	1.9	19.9	20.4	2.1
CONDITIONS:										
Acute Myocardial Infarction	28	32.1	30.7	*	39.3	34.2	*	42.9	37.8	*
Congestive Heart Failure	32	28.1	14.1	*	31.3	22.0	*	34.4	28.5	*
Pneumonia/Influenza	50	18.0	13.7	*	22.0	18.8	*	26.0	22.8	*
Chronic Obstructive Pulmonary Disease	8	12.5	4.9	*	12.5	9.6	*	12.5	14.0	*
Transient Cerebral Ischemia	8	12.5	1.8	*	12.5	4.0	*	12.5	6.3	*
Stroke	16	25.0	24.4	*	31.3	31.4	*	31.3	36.7	*
Hip Fracture	6	0.0	10.1	*	0.0	17.3	*	0.0	21.8	*
Sepsis	5	40.0	24.0	*	40.0	33.3	*	40.0	38.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	9.7	*	25.0	14.6	*	25.0	17.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	9.2	*	0.0	16.4	*	0.0	20.9	*
Open Reduction of Hip Fracture	2	0.0	9.5	*	0.0	17.0	*	0.0	21.6	*
Prostatectomy	0									
Cholecystectomy	10	0.0	3.5	*	10.0	7.0	*	10.0	9.6	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	55
Occupancy Rate	29
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	20
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

COMMUNITY MEMORIAL HOSPITAL INC

Medicare Provider Number: 520101

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	338	13.6	12.2	1.9	18.9	17.4	2.4	20.7	21.6	2.4
CONDITIONS:										
Acute Myocardial Infarction	23	39.1	30.3	*	43.5	34.7	*	47.8	38.5	*
Congestive Heart Failure	26	15.4	13.7	*	23.1	20.7	*	26.9	26.6	*
Pneumonia/Influenza	32	18.8	14.2	*	28.1	19.6	*	28.1	23.6	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.2	*	0.0	14.1	*	0.0	19.0	*
Transient Cerebral Ischemia	1	0.0	2.2	*	0.0	4.4	*	0.0	6.9	*
Stroke	21	28.6	20.9	*	38.1	26.8	*	38.1	31.3	*
Hip Fracture	6	16.7	7.8	*	33.3	14.9	*	33.3	19.4	*
Sepsis	6	0.0	21.2	*	0.0	29.3	*	0.0	36.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	35.6	*	100.0	41.8	*	100.0	46.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	12.7	*	50.0	25.2	*	50.0	33.1	*
Open Reduction of Hip Fracture	3	33.3	4.8	*	33.3	9.4	*	33.3	12.7	*
Prostatectomy	0									
Cholecystectomy	14	0.0	2.6	*	0.0	5.3	*	0.0	7.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	361	13.3	12.8	1.8	16.9	18.1	2.3	21.3	22.4	2.8
CONDITIONS:										
Acute Myocardial Infarction	18	38.9	32.4	*	44.4	35.7	*	44.4	39.1	*
Congestive Heart Failure	21	19.0	19.4	*	23.8	27.2	*	33.3	33.7	*
Pneumonia/Influenza	30	20.0	17.8	*	20.0	23.8	*	26.7	28.3	*
Chronic Obstructive Pulmonary Disease	12	16.7	13.8	*	16.7	21.1	*	16.7	26.0	*
Transient Cerebral Ischemia	8	0.0	3.4	*	12.5	8.0	*	12.5	13.1	*
Stroke	12	41.7	27.2	*	41.7	33.9	*	41.7	38.6	*
Hip Fracture	6	16.7	8.6	*	16.7	15.8	*	16.7	20.6	*
Sepsis	8	37.5	31.0	*	50.0	40.2	*	50.0	47.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	8.4	*	20.0	15.9	*	20.0	20.9	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	14	0.0	2.4	*	0.0	4.0	*	7.1	5.2	*
Hysterectomy	1	0.0	0.8	*	0.0	1.9	*	0.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

CUMBERLAND MEMORIAL HOSPITAL

1110 7th Ave
Cumberland, WI 54829

Medicare Provider Number: 520068

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	372	5.1	8.3	1.7	8.9	12.4	2.1	11.0	16.0	2.6
CONDITIONS:										
Acute Myocardial Infarction	13	7.7	22.8	*	15.4	26.3	*	15.4	29.9	*
Congestive Heart Failure	16	6.3	14.0	*	25.0	21.8	*	37.5	28.6	*
Pneumonia/Influenza	38	15.8	18.3	*	21.1	25.0	*	26.3	29.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.7	*	0.0	9.7	*	0.0	14.5	*
Transient Cerebral Ischemia	4	0.0	1.9	*	0.0	4.3	*	0.0	6.9	*
Stroke	20	0.0	21.4	*	0.0	27.7	*	0.0	32.5	*
Hip Fracture	3	0.0	2.9	*	0.0	5.5	*	0.0	7.7	*
Sepsis	5	20.0	22.0	*	20.0	30.7	*	40.0	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	6.3	*	100.0	13.4	*	100.0	20.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	2.3	*	0.0	4.6	*	0.0	6.4	*
Prostatectomy	6	0.0	0.8	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy	4	0.0	1.4	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	4	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	40
Occupancy Rate	50
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

CUMBERLAND MEMORIAL HOSPITAL

Medicare Provider Number: 520068

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	376	6.4	8.3	2.5	11.4	12.6	3.2	13.6	16.2	3.6
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	24.9	*	18.8	28.1	*	25.0	31.7	*
Congestive Heart Failure	15	13.3	15.6	*	26.7	24.3	*	33.3	31.3	*
Pneumonia/Influenza	33	18.2	16.2	*	21.2	21.5	*	21.2	25.6	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.1	*	0.0	7.2	*	0.0	10.1	*
Transient Cerebral Ischemia	6	0.0	2.0	*	0.0	4.1	*	0.0	6.4	*
Stroke	12	16.7	18.9	*	25.0	24.2	*	25.0	28.5	*
Hip Fracture	2	0.0	4.7	*	0.0	8.6	*	0.0	11.3	*
Sepsis	3	0.0	35.6	*	0.0	42.3	*	0.0	49.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	1.0	*	0.0	1.6	*	0.0	2.1	*
Open Reduction of Hip Fracture	2	0.0	4.0	*	0.0	7.8	*	0.0	10.5	*
Prostatectomy	5	0.0	1.0	*	20.0	2.7	*	20.0	5.0	*
Cholecystectomy	1	0.0	3.0	*	0.0	5.9	*	0.0	7.6	*
Hysterectomy	2	0.0	1.2	*	0.0	3.0	*	0.0	4.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	360	8.1	7.9	1.7	10.3	11.8	2.3	12.8	15.1	3.1
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	27.3	*	28.6	31.1	*	28.6	35.4	*
Congestive Heart Failure	19	21.1	18.1	*	31.6	27.6	*	36.8	35.3	*
Pneumonia/Influenza	15	20.0	17.1	*	20.0	22.5	*	20.0	27.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	8.5	*	0.0	17.2	*	0.0	25.5	*
Transient Cerebral Ischemia	16	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke	16	12.5	19.4	*	12.5	24.9	*	25.0	29.4	*
Hip Fracture	4	0.0	4.4	*	0.0	8.2	*	0.0	10.9	*
Sepsis	2	50.0	33.7	*	50.0	41.5	*	50.0	48.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.0	*	0.0	2.2	*	0.0	3.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	4.3	*	0.0	9.1	*	0.0	13.5	*
Open Reduction of Hip Fracture	1	0.0	2.2	*	0.0	4.5	*	0.0	6.2	*
Prostatectomy	7	0.0	0.6	*	0.0	1.6	*	14.3	2.9	*
Cholecystectomy	5	0.0	2.4	*	0.0	4.2	*	0.0	5.1	*
Hysterectomy	3	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DEPAUL HOSPITAL INC

4143 South 13th Street
Milwaukee, WI 53221

Medicare Provider Number: 520176

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	118	0.0	0.3	0.5	0.0	0.7	1.0	0.8	1.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	187
Occupancy Rate	78
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	1
Registered Nurses	18
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DEPAUL HOSPITAL INC

Medicare Provider Number: 520176

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	27	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	0									
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DIVINE SAVIOR HOSPITAL

1015 W Pleasant St
Portage, WI 53901

Medicare Provider Number: 520041

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	664	10.8	9.6	1.8	15.7	15.0	2.4	18.7	19.2	2.3
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	29.5	*	45.5	33.4	*	45.5	36.9	*
Congestive Heart Failure	44	18.2	21.2	*	25.0	30.6	*	36.4	38.2	*
Pneumonia/Influenza	42	19.0	16.9	*	19.0	23.0	*	21.4	27.7	*
Chronic Obstructive Pulmonary Disease	13	0.0	8.1	*	0.0	13.1	*	7.7	17.5	*
Transient Cerebral Ischemia	19	10.5	2.0	*	10.5	4.4	*	10.5	7.0	*
Stroke	37	24.3	20.5	*	27.0	28.3	*	27.0	33.1	*
Hip Fracture	24	16.7	8.4	*	25.0	15.6	*	29.2	20.6	*
Sepsis	6	33.3	30.1	*	33.3	41.0	*	33.3	47.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	1.0	*	0.0	2.0	*	0.0	2.7	*
Hip Replacement/Reconstruction	16	6.3	7.9	*	18.8	15.5	*	18.8	20.9	*
Open Reduction of Hip Fracture	9	33.3	6.5	*	33.3	11.9	*	44.4	15.5	*
Prostatectomy	21	0.0	0.6	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy	17	5.9	1.6	*	5.9	2.8	*	5.9	3.5	*
Hysterectomy	2	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	171
Occupancy Rate	80
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	23
Percent of Physicians Board Certified Specialists	43
Medical Residents/Interns	0
Registered Nurses	39
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DIVINE SAVIOR HOSPITAL

Medicare Provider Number: 520041

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	646	9.1	9.8	1.3	14.9	15.1	1.7	17.6	19.2	2.5
CONDITIONS:										
Acute Myocardial Infarction	10	20.0	31.5	*	20.0	36.3	*	20.0	40.6	*
Congestive Heart Failure	52	9.6	20.3	7.9	19.2	29.6	8.7	23.1	36.9	10.3
Pneumonia/Influenza	37	10.8	17.9	*	13.5	23.8	*	16.2	28.5	*
Chronic Obstructive Pulmonary Disease	9	0.0	7.4	*	0.0	12.0	*	0.0	16.2	*
Transient Cerebral Ischemia	21	4.8	2.1	*	4.8	4.9	*	9.5	7.9	*
Stroke	25	28.0	26.9	*	44.0	36.6	*	52.0	42.1	*
Hip Fracture	23	8.7	7.0	*	13.0	13.3	*	13.0	17.6	*
Sepsis	5	40.0	38.5	*	40.0	47.6	*	60.0	54.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	9.5	4.7	*	14.3	9.2	*	14.3	12.4	*
Open Reduction of Hip Fracture	2	0.0	6.7	*	0.0	12.9	*	0.0	17.1	*
Prostatectomy	17	0.0	0.6	*	0.0	1.5	*	0.0	2.6	*
Cholecystectomy	12	0.0	1.3	*	0.0	2.4	*	0.0	3.1	*
Hysterectomy	4	0.0	2.7	*	0.0	7.1	*	0.0	12.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	655	9.2	10.0	1.2	14.4	15.0	1.6	18.5	19.1	1.6
CONDITIONS:										
Acute Myocardial Infarction	18	44.4	35.5	*	50.0	39.3	*	55.6	43.1	*
Congestive Heart Failure	43	18.6	18.6	*	23.3	26.6	*	32.6	33.5	*
Pneumonia/Influenza	37	10.8	20.5	*	24.3	27.0	*	29.7	32.1	*
Chronic Obstructive Pulmonary Disease	14	21.4	15.6	*	21.4	26.0	*	42.9	33.4	*
Transient Cerebral Ischemia	15	0.0	3.0	*	0.0	6.9	*	0.0	11.0	*
Stroke	30	20.0	23.6	*	23.3	31.9	*	33.3	36.9	*
Hip Fracture	18	5.6	8.2	*	11.1	15.2	*	16.7	19.7	*
Sepsis	10	30.0	22.7	*	40.0	30.6	*	40.0	36.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	5.1	*	0.0	12.5	*	0.0	19.3	*
Hip Replacement/Reconstruction	11	9.1	5.7	*	18.2	11.6	*	18.2	15.9	*
Open Reduction of Hip Fracture	7	0.0	7.7	*	0.0	14.3	*	0.0	18.6	*
Prostatectomy	34	2.9	1.0	*	5.9	2.7	*	5.9	4.9	*
Cholecystectomy	11	0.0	5.2	*	9.1	8.9	*	9.1	10.7	*
Hysterectomy	4	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DODGE COUNTY UNIFIED SERVICES

199 Home Road
Juneau, WI 53039

Medicare Provider Number: 520184

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	9	0.0	0.8	*	11.1	2.1	*	11.1	3.6	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds	18
Ownership/Control	Local Government
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

DODGE COUNTY UNIFIED SERVICES

Medicare Provider Number: 520184

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	12	0.0	1.0	*	0.0	2.0	*	0.0	3.1	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	7	0.0	0.8	*	0.0	1.9	*	0.0	2.9	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

DOOR COUNTY MEMORIAL HOSPITAL

330 South 16th Place
Sturgeon Bay, WI 54235

Medicare Provider Number: 520152

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	704	8.9	9.8	1.2	13.1	14.8	1.7	16.3	18.8	2.2
CONDITIONS:										
Acute Myocardial Infarction	26	30.8	30.4	*	46.2	33.7	*	50.0	37.6	*
Congestive Heart Failure	65	13.8	16.0	5.0	23.1	24.4	5.6	32.3	31.5	5.9
Pneumonia/Influenza	43	23.3	21.6	*	32.6	28.5	*	34.9	33.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	13	0.0	2.4	*	7.7	5.3	*	7.7	8.2	*
Stroke	23	26.1	24.2	*	30.4	30.7	*	34.8	35.5	*
Hip Fracture	15	6.7	6.9	*	6.7	12.2	*	6.7	15.9	*
Sepsis	9	22.2	27.3	*	33.3	35.3	*	33.3	42.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	8.8	*	12.5	17.2	*	25.0	23.1	*
Open Reduction of Hip Fracture	5	0.0	6.3	*	0.0	11.4	*	0.0	14.9	*
Prostatectomy	35	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy	17	0.0	2.2	*	0.0	4.1	*	0.0	5.6	*
Hysterectomy	2	0.0	2.4	*	50.0	5.6	*	50.0	8.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	78
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	76
Medical Residents/Interns	0
Registered Nurses	50
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

DOOR COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 520152

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	689	7.4	10.1	1.5	10.9	15.2	1.9	15.4	19.3	2.0
CONDITIONS:										
Acute Myocardial Infarction	23	21.7	34.0	*	21.7	37.2	*	30.4	41.2	*
Congestive Heart Failure	48	10.4	18.8	*	12.5	27.8	*	18.8	34.8	*
Pneumonia/Influenza	22	18.2	21.7	*	18.2	28.7	*	31.8	33.9	*
Chronic Obstructive Pulmonary Disease	5	40.0	7.7	*	40.0	14.0	*	40.0	19.4	*
Transient Cerebral Ischemia	11	0.0	2.6	*	0.0	6.1	*	0.0	10.1	*
Stroke	26	7.7	20.6	*	7.7	26.6	*	15.4	31.2	*
Hip Fracture	2	0.0	6.3	*	0.0	12.4	*	0.0	17.5	*
Sepsis	4	0.0	26.3	*	0.0	34.4	*	0.0	41.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	35	0.0	0.9	*	0.0	2.3	*	2.9	3.9	*
Cholecystectomy	25	8.0	5.2	*	16.0	8.8	*	16.0	10.8	*
Hysterectomy	4	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	605	8.6	10.3	2.0	12.1	15.2	2.1	15.9	19.2	2.2
CONDITIONS:										
Acute Myocardial Infarction	27	33.3	37.5	*	37.0	41.0	*	40.7	45.0	*
Congestive Heart Failure	44	13.6	18.2	*	27.3	27.4	*	38.6	34.9	*
Pneumonia/Influenza	29	6.9	18.5	*	13.8	24.6	*	13.8	29.5	*
Chronic Obstructive Pulmonary Disease	4	25.0	8.0	*	25.0	13.5	*	25.0	18.3	*
Transient Cerebral Ischemia	8	12.5	1.9	*	12.5	4.1	*	12.5	6.6	*
Stroke	28	28.6	20.4	*	28.6	26.9	*	32.1	31.6	*
Hip Fracture	27	7.4	8.8	*	14.8	15.5	*	14.8	19.9	*
Sepsis	3	0.0	33.0	*	33.3	38.7	*	33.3	44.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	11.1	*	25.0	19.7	*	25.0	24.9	*
Open Reduction of Hip Fracture	1	0.0	6.1	*	0.0	12.1	*	0.0	16.4	*
Prostatectomy	31	3.2	0.8	*	3.2	2.0	*	3.2	3.5	*
Cholecystectomy	17	5.9	5.3	*	5.9	8.0	*	11.8	9.5	*
Hysterectomy	7	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

EAGLE RIVER MEMORIAL HOSPITAL

201 Hospital Rd, P O Box 129
Eagle River, WI 54521

Medicare Provider Number: 520159

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	197	5.6	7.8	3.1	8.1	11.8	4.3	11.2	15.2	5.0
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	31.2	*	0.0	35.0	*	0.0	38.6	*
Congestive Heart Failure	9	22.2	17.7	*	33.3	27.7	*	44.4	35.4	*
Pneumonia/Influenza	10	10.0	20.9	*	10.0	28.0	*	30.0	33.2	*
Chronic Obstructive Pulmonary Disease	4	0.0	8.1	*	0.0	14.5	*	0.0	20.3	*
Transient Cerebral Ischemia	5	0.0	1.5	*	0.0	3.5	*	0.0	5.6	*
Stroke	4	0.0	17.7	*	0.0	23.7	*	0.0	27.6	*
Hip Fracture	3	0.0	12.0	*	0.0	20.1	*	0.0	24.7	*
Sepsis	2	100.0	32.4	*	100.0	37.6	*	100.0	42.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy	3	0.0	0.8	*	0.0	1.2	*	0.0	1.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	37
Occupancy Rate	32
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	18
Medical Residents/Interns	0
Registered Nurses	14
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

EAGLE RIVER MEMORIAL HOSPITAL

Medicare Provider Number: 520159

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	235	6.8	8.5	1.9	8.9	13.1	2.5	9.8	16.9	3.2
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	36.8	*	25.0	41.1	*	25.0	45.0	*
Congestive Heart Failure	12	16.7	17.4	*	25.0	26.0	*	25.0	33.0	*
Pneumonia/Influenza	10	20.0	16.8	*	20.0	22.5	*	20.0	27.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.6	*	0.0	14.8	*	0.0	21.0	*
Transient Cerebral Ischemia	6	0.0	2.8	*	0.0	6.2	*	0.0	9.9	*
Stroke	10	10.0	23.6	*	10.0	31.8	*	10.0	36.7	*
Hip Fracture	0									
Sepsis	1	0.0	32.7	*	0.0	37.6	*	0.0	43.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	2.1	*	11.1	5.6	*	22.2	9.6	*
Cholecystectomy	3	0.0	9.6	*	0.0	13.5	*	0.0	15.0	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	254	6.7	9.6	3.6	11.0	14.0	4.3	14.6	17.6	3.5
CONDITIONS:										
Acute Myocardial Infarction	8	0.0	26.2	*	0.0	28.9	*	0.0	32.1	*
Congestive Heart Failure	9	11.1	17.0	*	11.1	24.5	*	11.1	31.2	*
Pneumonia/Influenza	15	20.0	22.8	*	26.7	30.4	*	26.7	36.3	*
Chronic Obstructive Pulmonary Disease	2	50.0	7.3	*	50.0	12.0	*	50.0	16.1	*
Transient Cerebral Ischemia	9	0.0	2.2	*	0.0	5.0	*	0.0	8.1	*
Stroke	16	12.5	21.1	*	25.0	27.4	*	31.3	31.6	*
Hip Fracture	3	0.0	5.9	*	0.0	10.7	*	33.3	14.4	*
Sepsis	3	0.0	29.2	*	0.0	41.3	*	0.0	47.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	1.7	*	0.0	3.9	*	0.0	6.3	*
Cholecystectomy	2	0.0	6.4	*	50.0	10.6	*	50.0	14.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ELMBROOK MEMORIAL HOSPITAL

19333 West North Avenue
Brookfield, WI 53005

Medicare Provider Number: 520170

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	1,100	8.3	7.5	1.1	11.9	11.8	1.2	15.3	15.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	29	24.1	29.3	*	24.1	32.5	*	27.6	36.0	*
Congestive Heart Failure	62	17.7	17.5	6.4	30.6	26.8	8.7	35.5	34.0	7.6
Pneumonia/Influenza	28	17.9	14.6	*	25.0	19.7	*	28.6	24.0	*
Chronic Obstructive Pulmonary Disease	8	25.0	10.9	*	37.5	17.2	*	37.5	22.3	*
Transient Cerebral Ischemia	37	2.7	2.0	*	2.7	4.5	*	8.1	7.2	*
Stroke	38	23.7	18.9	*	28.9	24.7	*	34.2	28.9	*
Hip Fracture	26	0.0	6.2	*	0.0	11.0	*	0.0	14.2	*
Sepsis	7	0.0	19.6	*	0.0	26.0	*	0.0	32.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	4.2	*	20.0	7.5	*	20.0	10.3	*
Carotid Endarterectomy	1	0.0	1.6	*	0.0	2.8	*	0.0	3.8	*
Hip Replacement/Reconstruction	34	2.9	2.6	*	2.9	5.0	*	2.9	6.9	*
Open Reduction of Hip Fracture	10	0.0	4.9	*	0.0	8.8	*	0.0	11.5	*
Prostatectomy	64	1.6	0.8	1.8	4.7	2.1	3.5	7.8	3.6	5.4
Cholecystectomy	28	0.0	2.3	*	0.0	3.7	*	0.0	4.7	*
Hysterectomy	9	0.0	0.5	*	0.0	1.1	*	11.1	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	135
Occupancy Rate	62
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	125
Percent of Physicians Board Certified Specialists	69
Medical Residents/Interns	0
Registered Nurses	175
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ELMBROOK MEMORIAL HOSPITAL

Medicare Provider Number: 520170

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,129	7.1	7.0	1.5	10.1	11.1	1.6	13.0	14.4	1.7
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	27.3	*	27.8	30.4	*	33.3	33.9	*
Congestive Heart Failure	60	11.7	16.6	7.7	18.3	25.4	10.5	26.7	32.5	9.8
Pneumonia/Influenza	31	12.9	14.9	*	19.4	20.2	*	22.6	24.2	*
Chronic Obstructive Pulmonary Disease	20	5.0	6.7	*	10.0	12.7	*	10.0	18.2	*
Transient Cerebral Ischemia	29	3.4	1.7	*	3.4	3.8	*	3.4	5.9	*
Stroke	56	17.9	19.2	7.8	23.2	25.5	6.4	26.8	30.1	7.5
Hip Fracture	24	0.0	6.9	*	4.2	12.6	*	8.3	16.2	*
Sepsis	13	15.4	23.0	*	15.4	29.9	*	15.4	35.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	6	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	27	0.0	3.1	*	3.7	6.0	*	7.4	7.9	*
Open Reduction of Hip Fracture	14	0.0	5.3	*	0.0	9.9	*	0.0	13.0	*
Prostatectomy	59	3.4	1.2	1.9	3.4	2.2	2.1	3.4	3.2	2.5
Cholecystectomy	24	0.0	2.7	*	0.0	5.2	*	0.0	7.0	*
Hysterectomy	14	7.1	0.9	*	7.1	1.8	*	7.1	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,027	9.2	8.6	1.1	13.8	13.1	1.5	17.5	16.7	1.8
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	31.5	*	33.3	35.2	*	40.0	38.6	*
Congestive Heart Failure	53	17.0	19.7	6.7	22.6	29.3	7.5	39.6	36.9	6.9
Pneumonia/Influenza	32	31.3	17.7	*	34.4	24.3	*	34.4	29.6	*
Chronic Obstructive Pulmonary Disease	9	22.2	5.5	*	22.2	10.5	*	22.2	15.2	*
Transient Cerebral Ischemia	17	0.0	3.4	*	0.0	7.8	*	5.9	12.3	*
Stroke	43	20.9	26.0	*	32.6	33.3	*	37.2	38.3	*
Hip Fracture	23	21.7	7.7	*	26.1	13.8	*	34.8	17.8	*
Sepsis	11	36.4	21.3	*	36.4	29.0	*	36.4	34.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	2.5	*	16.7	5.7	*	16.7	9.2	*
Carotid Endarterectomy	6	0.0	1.6	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	22	4.5	4.0	*	4.5	7.2	*	9.1	9.3	*
Open Reduction of Hip Fracture	10	40.0	7.5	*	50.0	14.9	*	60.0	20.0	*
Prostatectomy	65	0.0	1.0	*	1.5	2.5	*	1.5	4.2	*
Cholecystectomy	14	0.0	2.6	*	0.0	3.8	*	0.0	4.7	*
Hysterectomy	8	0.0	0.6	*	0.0	1.2	*	12.5	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FLAMBEAU MEDICAL CENTER INC

98 Sherry Ave - P O Box 310
Park Falls, WI 54552

Medicare Provider Number: 520131

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	338	8.0	10.2	3.4	12.1	14.9	3.9	16.0	18.7	3.8
CONDITIONS:										
Acute Myocardial Infarction	12	16.7	21.9	*	25.0	24.2	*	25.0	26.8	*
Congestive Heart Failure	21	4.8	13.7	*	14.3	21.5	*	28.6	28.4	*
Pneumonia/Influenza	35	8.6	14.8	*	8.6	20.2	*	11.4	24.6	*
Chronic Obstructive Pulmonary Disease	9	0.0	5.3	*	0.0	9.3	*	11.1	13.0	*
Transient Cerebral Ischemia	0									
Stroke	20	25.0	22.7	*	30.0	28.5	*	35.0	33.1	*
Hip Fracture	8	0.0	9.7	*	0.0	16.2	*	0.0	19.9	*
Sepsis	6	50.0	25.5	*	50.0	31.2	*	50.0	37.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	8	0.0	8.5	*	0.0	14.9	*	0.0	18.7	*
Prostatectomy	2	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	8	0.0	1.8	*	0.0	3.1	*	0.0	4.0	*
Hysterectomy	3	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	41
Occupancy Rate	39
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	57
Medical Residents/Interns	0
Registered Nurses	20
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FLAMBEAU MEDICAL CENTER INC

Medicare Provider Number: 520131

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	382	9.4	10.5	1.8	15.4	15.5	1.9	18.8	19.5	2.2
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	29.2	*	55.6	32.8	*	55.6	36.8	*
Congestive Heart Failure	15	20.0	16.3	*	20.0	24.4	*	33.3	31.0	*
Pneumonia/Influenza	25	20.0	17.1	*	32.0	22.6	*	36.0	26.9	*
Chronic Obstructive Pulmonary Disease	15	0.0	7.8	*	0.0	13.2	*	0.0	18.0	*
Transient Cerebral Ischemia	1	0.0	1.7	*	0.0	4.4	*	0.0	7.2	*
Stroke	17	17.6	23.0	*	41.2	28.7	*	41.2	33.1	*
Hip Fracture	11	0.0	7.1	*	9.1	13.2	*	9.1	17.1	*
Sepsis	12	25.0	29.0	*	25.0	36.0	*	25.0	42.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	11	0.0	6.1	*	9.1	11.9	*	9.1	15.9	*
Prostatectomy	2	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*
Cholecystectomy	9	0.0	3.1	*	0.0	6.1	*	11.1	8.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	357	10.6	12.7	2.8	16.0	18.4	3.7	19.3	22.9	4.5
CONDITIONS:										
Acute Myocardial Infarction	17	41.2	30.8	*	41.2	33.7	*	41.2	37.0	*
Congestive Heart Failure	20	0.0	16.9	*	15.0	25.2	*	20.0	32.2	*
Pneumonia/Influenza	8	25.0	17.5	*	37.5	23.2	*	37.5	28.1	*
Chronic Obstructive Pulmonary Disease	15	6.7	9.1	*	6.7	15.1	*	6.7	19.9	*
Transient Cerebral Ischemia	2	0.0	3.6	*	0.0	7.7	*	0.0	12.4	*
Stroke	20	20.0	21.2	*	30.0	27.2	*	40.0	31.9	*
Hip Fracture	8	0.0	8.6	*	25.0	16.1	*	25.0	21.4	*
Sepsis	3	0.0	40.6	*	0.0	50.8	*	0.0	58.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	3	0.0	8.9	*	33.3	17.7	*	33.3	24.1	*
Prostatectomy	2	0.0	0.4	*	0.0	1.2	*	0.0	2.0	*
Cholecystectomy	4	0.0	1.2	*	0.0	1.9	*	0.0	2.4	*
Hysterectomy	3	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FORT ATKINSON MEMORIAL HOSPITAL

611 East Sherman Avenue
Fort Atkinson, WI 53538

Medicare Provider Number: 520071

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,236	8.4	7.8	0.8	13.3	12.2	1.2	16.8	15.8	1.3
CONDITIONS:										
Acute Myocardial Infarction	29	27.6	32.5	*	27.6	36.1	*	37.9	40.1	*
Congestive Heart Failure	80	12.5	14.1	4.4	23.7	22.5	5.3	31.3	29.7	7.1
Pneumonia/Influenza	65	21.5	15.6	7.6	27.7	21.7	7.5	29.2	26.5	6.0
Chronic Obstructive Pulmonary Disease	15	13.3	9.1	*	20.0	15.6	*	20.0	21.3	*
Transient Cerebral Ischemia	24	0.0	2.1	*	4.2	4.8	*	4.2	7.9	*
Stroke	41	12.2	18.4	*	19.5	24.7	*	22.0	29.1	*
Hip Fracture	25	0.0	5.2	*	16.0	10.1	*	16.0	13.6	*
Sepsis	15	20.0	22.1	*	20.0	30.0	*	26.7	35.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	2.1	*	0.0	4.9	*	0.0	7.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	23	0.0	2.7	*	13.0	5.6	*	13.0	8.0	*
Open Reduction of Hip Fracture	1	0.0	4.6	*	0.0	10.0	*	0.0	14.4	*
Prostatectomy	19	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	27	0.0	2.7	*	3.7	4.8	*	7.4	6.1	*
Hysterectomy	10	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	92
Occupancy Rate	63
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	52
Percent of Physicians Board Certified Specialists	87
Medical Residents/Interns	0
Registered Nurses	84
Licensed Practical Nurses	28

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FORT ATKINSON MEMORIAL HOSPITAL

Medicare Provider Number: 520071

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,275	7.8	7.7	0.9	12.0	11.8	0.9	15.5	15.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	44	20.5	29.6	*	27.3	32.3	*	29.5	35.7	*
Congestive Heart Failure	71	11.3	13.9	6.8	16.9	21.6	7.3	26.8	28.1	5.5
Pneumonia/Influenza	61	13.1	15.1	5.5	16.4	21.4	6.3	23.0	26.1	6.0
Chronic Obstructive Pulmonary Disease	7	14.3	9.9	*	14.3	16.4	*	14.3	22.1	*
Transient Cerebral Ischemia	32	0.0	1.6	*	0.0	3.7	*	6.3	5.9	*
Stroke	46	28.3	22.4	*	34.8	29.4	*	39.1	34.4	*
Hip Fracture	34	8.8	4.7	*	8.8	9.2	*	8.8	12.5	*
Sepsis	6	33.3	35.6	*	33.3	46.2	*	33.3	53.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	15.4	7.1	*	23.1	11.3	*	23.1	14.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	35	8.6	2.9	*	8.6	5.8	*	8.6	8.0	*
Open Reduction of Hip Fracture	2	0.0	3.5	*	0.0	7.2	*	0.0	10.0	*
Prostatectomy	26	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	29	0.0	2.1	*	3.4	4.3	*	3.4	5.8	*
Hysterectomy	10	0.0	0.4	*	10.0	0.9	*	10.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,142	9.1	7.7	1.2	13.6	12.0	1.5	16.9	15.5	1.8
CONDITIONS:										
Acute Myocardial Infarction	36	25.0	32.3	*	27.8	35.6	*	30.6	39.2	*
Congestive Heart Failure	85	10.6	13.8	6.3	17.6	21.5	7.7	23.5	28.1	8.1
Pneumonia/Influenza	41	14.6	12.4	*	22.0	17.2	*	24.4	21.3	*
Chronic Obstructive Pulmonary Disease	12	0.0	9.4	*	0.0	15.9	*	0.0	20.8	*
Transient Cerebral Ischemia	23	0.0	2.3	*	4.3	5.1	*	21.7	8.2	*
Stroke	40	30.0	17.7	*	45.0	24.0	*	47.5	28.6	*
Hip Fracture	36	8.3	4.3	*	22.2	8.8	*	25.0	12.3	*
Sepsis	8	25.0	23.7	*	50.0	31.3	*	50.0	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	10.0	6.5	*	10.0	9.4	*	10.0	12.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	32	0.0	2.6	*	6.3	5.5	*	9.4	8.0	*
Open Reduction of Hip Fracture	7	28.6	5.5	*	57.1	11.7	*	57.1	16.7	*
Prostatectomy	31	0.0	0.5	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	30	0.0	1.3	*	0.0	2.4	*	3.3	3.3	*
Hysterectomy	14	0.0	0.5	*	0.0	1.1	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FREDERIC MUNICIPAL HOSPITAL ASSOCIATION

Hwy 35 and United Way
Frederic, WI 54837

Medicare Provider Number: 520104

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	150	11.3	11.1	2.8	14.0	17.2	3.3	15.3	21.9	4.3
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	35.5	*	50.0	42.2	*	66.7	47.3	*
Congestive Heart Failure	18	16.7	18.6	*	22.2	29.3	*	22.2	37.6	*
Pneumonia/Influenza	10	20.0	21.4	*	20.0	28.4	*	20.0	33.6	*
Chronic Obstructive Pulmonary Disease	7	0.0	9.6	*	0.0	17.9	*	0.0	24.6	*
Transient Cerebral Ischemia	0									
Stroke	2	0.0	20.3	*	0.0	25.5	*	0.0	29.8	*
Hip Fracture	0									
Sepsis	1	0.0	15.7	*	0.0	22.2	*	0.0	26.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	25
Occupancy Rate	20
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	9
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FREDERIC MUNICIPAL HOSPITAL ASSOCIATION

Medicare Provider Number: 520104

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	175	5.1	9.5	3.3	13.7	14.2	3.6	18.9	17.9	3.1
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	30.6	*	25.0	35.3	*	50.0	39.6	*
Congestive Heart Failure	8	12.5	16.0	*	12.5	23.9	*	25.0	30.5	*
Pneumonia/Influenza	13	0.0	24.1	*	15.4	31.0	*	23.1	35.8	*
Chronic Obstructive Pulmonary Disease	5	20.0	13.6	*	40.0	22.3	*	40.0	28.6	*
Transient Cerebral Ischemia	2	0.0	1.7	*	0.0	3.7	*	0.0	5.7	*
Stroke	5	0.0	23.9	*	20.0	30.4	*	40.0	35.4	*
Hip Fracture	1	0.0	6.2	*	0.0	12.2	*	0.0	16.2	*
Sepsis	1	100.0	52.6	*	100.0	58.1	*	100.0	63.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	5.4	*	0.0	11.0	*	0.0	14.9	*
Prostatectomy	2	0.0	1.1	*	0.0	2.9	*	0.0	5.1	*
Cholecystectomy	1	0.0	6.1	*	0.0	11.7	*	0.0	18.1	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	155	11.6	9.2	3.4	18.1	13.9	4.9	20.0	17.8	5.6
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	30.3	*	66.7	32.8	*	66.7	35.8	*
Congestive Heart Failure	8	37.5	17.0	*	50.0	24.9	*	50.0	31.7	*
Pneumonia/Influenza	9	0.0	15.0	*	11.1	20.1	*	11.1	24.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	9.3	*	33.3	15.8	*	33.3	21.5	*
Transient Cerebral Ischemia	4	0.0	2.2	*	0.0	4.9	*	0.0	8.0	*
Stroke	5	0.0	24.8	*	0.0	33.9	*	20.0	39.7	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	2.2	*	0.0	3.5	*	0.0	4.5	*
Hysterectomy	1	0.0	0.3	*	0.0	0.8	*	0.0	1.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FROEDTERT MEMORIAL LUTHERAN HOSPITAL

9200 W Wisconsin Ave
Milwaukee, WI 53226

Medicare Provider Number: 520177

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,390	7.1	7.9	1.0	11.7	12.5	1.1	15.5	16.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	33.4	*	25.0	38.6	*	25.0	43.4	*
Congestive Heart Failure	32	9.4	13.8	*	12.5	22.1	*	12.5	29.0	*
Pneumonia/Influenza	22	13.6	12.9	*	22.7	17.5	*	27.3	21.4	*
Chronic Obstructive Pulmonary Disease	9	11.1	9.3	*	22.2	15.4	*	33.3	20.4	*
Transient Cerebral Ischemia	17	5.9	1.7	*	5.9	3.5	*	17.6	5.4	*
Stroke	54	24.1	23.2	6.8	33.3	28.6	9.8	38.9	32.6	10.4
Hip Fracture	0									
Sepsis	8	50.0	22.9	*	62.5	31.2	*	62.5	38.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*
Open Reduction of Hip Fracture	0									
Prostatectomy	36	8.3	1.0	*	8.3	2.4	*	8.3	4.1	*
Cholecystectomy	17	5.9	5.4	*	11.8	11.2	*	23.5	16.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	236
Occupancy Rate	78
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	306
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	92
Registered Nurses	385
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

FROEDTERT MEMORIAL LUTHERAN HOSPITAL

Medicare Provider Number: 520177

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,378	7.1	7.2	0.7	10.9	11.6	1.0	14.6	15.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	47.4	*	0.0	51.6	*	0.0	55.4	*
Congestive Heart Failure	29	24.1	18.5	*	27.6	28.1	*	34.5	35.3	*
Pneumonia/Influenza	28	10.7	12.4	*	14.3	17.0	*	14.3	20.9	*
Chronic Obstructive Pulmonary Disease	10	0.0	7.5	*	0.0	11.9	*	0.0	16.1	*
Transient Cerebral Ischemia	15	0.0	2.4	*	0.0	5.4	*	13.3	8.6	*
Stroke	48	22.9	21.7	*	25.0	28.3	*	33.3	32.8	*
Hip Fracture	1	0.0	15.7	*	0.0	25.7	*	100.0	30.7	*
Sepsis	7	42.9	23.7	*	57.1	29.9	*	57.1	35.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	14.9	*	0.0	25.6	*	100.0	30.8	*
Open Reduction of Hip Fracture	0									
Prostatectomy	48	4.2	1.0	*	4.2	2.5	*	6.3	4.2	*
Cholecystectomy	9	11.1	6.0	*	11.1	13.0	*	11.1	18.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,290	6.0	6.9	1.0	10.5	11.1	1.4	13.2	14.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	53.7	*	50.0	57.7	*	100.0	62.2	*
Congestive Heart Failure	19	10.5	16.8	*	21.1	26.5	*	21.1	34.0	*
Pneumonia/Influenza	26	15.4	12.2	*	26.9	17.1	*	26.9	21.0	*
Chronic Obstructive Pulmonary Disease	9	22.2	21.2	*	55.6	35.8	*	66.7	45.4	*
Transient Cerebral Ischemia	16	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke	51	21.6	20.4	8.3	29.4	27.6	6.6	33.3	32.0	7.6
Hip Fracture	1	0.0	4.9	*	0.0	8.3	*	0.0	10.8	*
Sepsis	6	33.3	24.9	*	33.3	31.7	*	83.3	37.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	2.0	*	0.0	3.8	*	0.0	5.6	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	31	0.0	0.9	*	0.0	2.3	*	3.2	4.0	*
Cholecystectomy	13	0.0	6.6	*	0.0	13.2	*	0.0	18.2	*
Hysterectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

GOOD SAMARITAN HEALTH CENTER

601 Center Ave South
Merrill, WI 54452

Medicare Provider Number: 520015

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	483	7.2	9.9	1.5	9.9	14.8	2.0	11.6	18.6	2.5
CONDITIONS:										
Acute Myocardial Infarction	16	37.5	25.8	*	37.5	29.7	*	37.5	33.0	*
Congestive Heart Failure	19	10.5	18.4	*	21.1	28.6	*	21.1	36.2	*
Pneumonia/Influenza	31	3.2	17.5	*	9.7	23.5	*	9.7	28.1	*
Chronic Obstructive Pulmonary Disease	6	0.0	10.5	*	0.0	17.9	*	0.0	23.7	*
Transient Cerebral Ischemia	2	0.0	1.3	*	0.0	2.5	*	0.0	3.8	*
Stroke	21	14.3	22.4	*	19.0	29.9	*	19.0	34.9	*
Hip Fracture	13	7.7	8.0	*	15.4	14.0	*	15.4	17.7	*
Sepsis	11	18.2	28.7	*	18.2	35.7	*	18.2	41.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	3.0	*	25.0	6.2	*	25.0	9.1	*
Carotid Endarterectomy	1	0.0	1.3	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction	7	0.0	1.6	*	0.0	3.0	*	0.0	4.2	*
Open Reduction of Hip Fracture	11	9.1	7.5	*	18.2	13.6	*	18.2	17.5	*
Prostatectomy	21	0.0	0.7	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy	15	0.0	4.2	*	0.0	8.1	*	0.0	10.7	*
Hysterectomy	8	0.0	0.3	*	0.0	0.8	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	53
Occupancy Rate	51
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	13
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	37
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

GOOD SAMARITAN HEALTH CENTER

Medicare Provider Number: 520015

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	518	12.4	10.5	1.7	18.3	15.8	2.1	19.9	20.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	29.2	*	53.8	32.5	*	53.8	35.8	*
Congestive Heart Failure	15	20.0	16.5	*	33.3	25.3	*	33.3	32.3	*
Pneumonia/Influenza	23	21.7	20.5	*	34.8	27.3	*	39.1	32.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	10.8	*	0.0	15.5	*	0.0	19.9	*
Transient Cerebral Ischemia	4	0.0	4.7	*	0.0	10.8	*	0.0	16.6	*
Stroke	21	9.5	22.4	*	14.3	29.5	*	14.3	34.3	*
Hip Fracture	15	13.3	9.0	*	20.0	16.9	*	20.0	22.1	*
Sepsis	11	45.5	33.3	*	45.5	41.3	*	45.5	47.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	8.1	*	12.5	13.1	*	12.5	17.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	2.3	*	0.0	4.6	*	0.0	6.3	*
Open Reduction of Hip Fracture	11	18.2	9.4	*	27.3	18.4	*	27.3	24.6	*
Prostatectomy	21	0.0	1.0	*	4.8	2.6	*	9.5	4.4	*
Cholecystectomy	12	8.3	5.5	*	8.3	10.3	*	8.3	13.5	*
Hysterectomy	5	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	515	9.9	9.8	1.4	14.4	15.1	2.1	16.9	19.3	2.1
CONDITIONS:										
Acute Myocardial Infarction	25	24.0	23.1	*	28.0	26.1	*	28.0	29.1	*
Congestive Heart Failure	31	6.5	17.4	*	22.6	26.3	*	29.0	33.8	*
Pneumonia/Influenza	20	30.0	21.3	*	40.0	28.1	*	45.0	33.5	*
Chronic Obstructive Pulmonary Disease	3	0.0	12.4	*	0.0	21.2	*	0.0	28.7	*
Transient Cerebral Ischemia	5	0.0	2.4	*	0.0	5.3	*	0.0	8.5	*
Stroke	21	19.0	24.4	*	28.6	32.9	*	47.6	38.3	*
Hip Fracture	20	10.0	11.0	*	10.0	18.8	*	10.0	23.2	*
Sepsis	4	0.0	25.9	*	0.0	32.4	*	0.0	38.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	6.3	*	0.0	12.5	*	0.0	17.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	5.1	*	0.0	9.4	*	0.0	12.0	*
Open Reduction of Hip Fracture	11	18.2	11.8	*	18.2	20.9	*	18.2	25.9	*
Prostatectomy	25	4.0	2.0	*	4.0	5.1	*	8.0	8.3	*
Cholecystectomy	11	9.1	2.0	*	9.1	4.0	*	9.1	5.7	*
Hysterectomy	6	0.0	0.5	*	0.0	1.1	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HARTFORD MEMORIAL HOSPITAL INC

1032 East Sumner Street
Hartford, WI 53027

Medicare Provider Number: 520038

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	546	9.3	9.6	1.7	13.9	14.6	2.2	17.0	18.5	2.4
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	31.0	*	47.6	34.6	*	52.4	38.1	*
Congestive Heart Failure	45	17.8	14.9	*	26.7	22.7	*	31.1	29.4	*
Pneumonia/Influenza	23	13.0	19.4	*	13.0	26.1	*	17.4	31.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.3	*	0.0	13.9	*	0.0	18.9	*
Transient Cerebral Ischemia	9	0.0	1.4	*	0.0	3.1	*	0.0	4.9	*
Stroke	21	33.3	22.6	*	42.9	29.2	*	42.9	33.7	*
Hip Fracture	17	17.6	7.1	*	17.6	12.6	*	17.6	16.2	*
Sepsis	1	0.0	10.7	*	0.0	14.7	*	0.0	17.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	1.7	*	0.0	3.7	*	0.0	5.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	15.8	5.1	*	15.8	10.1	*	15.8	13.4	*
Open Reduction of Hip Fracture	8	12.5	6.3	*	12.5	11.5	*	12.5	14.8	*
Prostatectomy	17	0.0	0.9	*	5.9	2.3	*	5.9	4.1	*
Cholecystectomy	13	0.0	2.1	*	0.0	3.7	*	0.0	5.0	*
Hysterectomy	7	0.0	2.0	*	0.0	4.3	*	0.0	6.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	53
Occupancy Rate	64
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	23
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	57
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HARTFORD MEMORIAL HOSPITAL INC

Medicare Provider Number: 520038

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	535	7.9	9.9	2.0	13.3	15.0	2.8	17.2	18.9	2.8
CONDITIONS:										
Acute Myocardial Infarction	11	0.0	32.6	*	0.0	35.5	*	9.1	38.8	*
Congestive Heart Failure	37	10.8	15.6	*	18.9	23.7	*	27.0	30.5	*
Pneumonia/Influenza	22	13.6	16.9	*	27.3	22.7	*	27.3	27.2	*
Chronic Obstructive Pulmonary Disease	6	16.7	10.7	*	33.3	19.7	*	33.3	27.5	*
Transient Cerebral Ischemia	12	0.0	2.3	*	8.3	5.0	*	16.7	7.9	*
Stroke	30	30.0	24.3	*	43.3	30.8	*	53.3	35.1	*
Hip Fracture	13	0.0	7.5	*	0.0	14.0	*	23.1	18.2	*
Sepsis	8	12.5	23.9	*	12.5	33.6	*	25.0	40.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	1.8	*	0.0	3.6	*	0.0	5.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	5.1	*	0.0	10.1	*	33.3	13.6	*
Open Reduction of Hip Fracture	8	0.0	6.8	*	0.0	13.1	*	12.5	17.1	*
Prostatectomy	30	0.0	0.8	*	6.7	2.0	*	6.7	3.4	*
Cholecystectomy	7	0.0	4.6	*	0.0	8.3	*	0.0	10.3	*
Hysterectomy	5	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	495	7.9	10.0	1.6	11.5	15.0	2.2	14.7	19.0	2.5
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	25.8	*	20.0	29.3	*	20.0	32.5	*
Congestive Heart Failure	38	10.5	15.6	*	15.8	23.5	*	26.3	30.3	*
Pneumonia/Influenza	29	6.9	16.5	*	6.9	22.0	*	13.8	26.3	*
Chronic Obstructive Pulmonary Disease	14	14.3	9.7	*	28.6	16.7	*	28.6	22.2	*
Transient Cerebral Ischemia	9	0.0	1.6	*	0.0	3.4	*	0.0	5.4	*
Stroke	20	20.0	23.7	*	20.0	31.7	*	25.0	36.6	*
Hip Fracture	15	6.7	7.0	*	6.7	12.9	*	6.7	16.9	*
Sepsis	4	25.0	23.8	*	50.0	32.1	*	75.0	39.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	14.3	2.4	*	14.3	5.1	*	28.6	7.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	3.0	*	9.1	5.3	*	9.1	6.8	*
Open Reduction of Hip Fracture	9	0.0	5.4	*	0.0	10.7	*	0.0	14.5	*
Prostatectomy	17	0.0	2.1	*	0.0	4.5	*	0.0	6.6	*
Cholecystectomy	9	0.0	1.6	*	0.0	3.0	*	0.0	3.8	*
Hysterectomy	3	0.0	0.6	*	0.0	1.2	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HAYWARD AREA MEMORIAL HOSPITAL

Route 3 Box 3999
Hayward, WI 54843

Medicare Provider Number: 520161

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	286	9.1	12.1	2.8	15.0	17.3	3.4	18.2	21.4	3.1
CONDITIONS:										
Acute Myocardial Infarction	16	12.5	30.7	*	18.8	34.5	*	37.5	38.1	*
Congestive Heart Failure	18	5.6	13.3	*	5.6	20.8	*	16.7	27.3	*
Pneumonia/Influenza	28	14.3	18.7	*	25.0	25.0	*	28.6	29.8	*
Chronic Obstructive Pulmonary Disease	4	0.0	9.2	*	25.0	15.3	*	25.0	20.2	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke	10	20.0	21.3	*	30.0	28.6	*	30.0	34.0	*
Hip Fracture	0									
Sepsis	7	0.0	27.8	*	14.3	35.5	*	14.3	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	5	0.0	1.7	*	0.0	2.7	*	0.0	3.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	117
Occupancy Rate	68
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HAYWARD AREA MEMORIAL HOSPITAL

Medicare Provider Number: 520161

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	239	15.1	12.8	3.0	18.4	18.3	2.8	22.6	22.5	2.8
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	32.6	*	33.3	36.5	*	33.3	40.4	*
Congestive Heart Failure	15	33.3	19.2	*	33.3	28.4	*	40.0	35.4	*
Pneumonia/Influenza	15	20.0	21.2	*	33.3	28.2	*	33.3	33.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	5.4	*	0.0	9.1	*	0.0	12.8	*
Transient Cerebral Ischemia	6	0.0	2.4	*	0.0	5.1	*	0.0	8.0	*
Stroke	11	27.3	19.1	*	36.4	24.3	*	45.5	28.6	*
Hip Fracture	0									
Sepsis	4	0.0	11.4	*	0.0	15.2	*	0.0	19.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.7	*	0.0	1.2	*	0.0	1.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	246	11.0	11.1	2.0	14.6	16.0	2.6	17.5	19.9	3.8
CONDITIONS:										
Acute Myocardial Infarction	10	50.0	34.9	*	50.0	37.3	*	60.0	40.4	*
Congestive Heart Failure	15	0.0	13.6	*	6.7	20.0	*	13.3	26.0	*
Pneumonia/Influenza	21	14.3	18.1	*	19.0	25.2	*	23.8	30.9	*
Chronic Obstructive Pulmonary Disease	5	40.0	15.4	*	40.0	23.2	*	40.0	28.8	*
Transient Cerebral Ischemia	7	0.0	1.7	*	0.0	3.6	*	14.3	5.7	*
Stroke	9	22.2	25.7	*	22.2	33.2	*	22.2	38.6	*
Hip Fracture	1	0.0	15.8	*	0.0	26.4	*	0.0	32.7	*
Sepsis	2	50.0	25.5	*	50.0	30.3	*	50.0	35.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	2.9	*	0.0	5.5	*	0.0	6.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HESS MEMORIAL HOSPITAL

1050 Division St
Mauston, WI 53948

Medicare Provider Number: 520109

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	475	9.9	11.6	1.7	13.9	17.2	2.1	15.8	21.4	2.6
CONDITIONS:										
Acute Myocardial Infarction	24	33.3	27.2	*	33.3	30.8	*	33.3	34.3	*
Congestive Heart Failure	31	3.2	17.1	*	6.5	26.1	*	9.7	33.2	*
Pneumonia/Influenza	28	14.3	19.1	*	17.9	26.0	*	25.0	30.9	*
Chronic Obstructive Pulmonary Disease	8	12.5	6.0	*	25.0	10.8	*	37.5	15.0	*
Transient Cerebral Ischemia	14	7.1	2.4	*	7.1	5.3	*	7.1	8.5	*
Stroke	15	13.3	21.5	*	20.0	26.8	*	26.7	31.1	*
Hip Fracture	8	0.0	8.7	*	0.0	15.9	*	0.0	20.5	*
Sepsis	8	12.5	23.2	*	25.0	31.1	*	25.0	36.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	7.1	*	0.0	13.4	*	0.0	17.3	*
Open Reduction of Hip Fracture	2	0.0	5.9	*	0.0	10.8	*	0.0	13.9	*
Prostatectomy	17	0.0	1.8	*	0.0	4.3	*	0.0	7.2	*
Cholecystectomy	5	0.0	3.8	*	0.0	6.3	*	0.0	7.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	100
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	40
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HESS MEMORIAL HOSPITAL

Medicare Provider Number: 520109

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	466	8.6	11.0	1.7	10.9	15.7	2.3	14.8	19.6	2.6
CONDITIONS:										
Acute Myocardial Infarction	19	21.1	31.0	*	21.1	34.6	*	21.1	38.7	*
Congestive Heart Failure	24	20.8	15.0	*	25.0	22.8	*	33.3	29.3	*
Pneumonia/Influenza	22	18.2	22.0	*	18.2	30.0	*	36.4	35.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	4.8	*	33.3	8.2	*	33.3	11.3	*
Transient Cerebral Ischemia	13	0.0	3.0	*	7.7	6.8	*	15.4	10.7	*
Stroke	21	9.5	24.2	*	9.5	30.2	*	14.3	35.1	*
Hip Fracture	12	16.7	8.6	*	16.7	15.3	*	33.3	19.5	*
Sepsis	14	35.7	36.5	*	35.7	43.3	*	35.7	50.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	34.8	*	100.0	39.9	*	100.0	44.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	7.8	*	14.3	13.8	*	28.6	17.5	*
Open Reduction of Hip Fracture	5	0.0	6.7	*	0.0	12.4	*	20.0	16.0	*
Prostatectomy	16	0.0	1.3	*	0.0	3.1	*	0.0	5.1	*
Cholecystectomy	2	50.0	11.4	*	50.0	20.5	*	50.0	24.8	*
Hysterectomy	4	0.0	0.5	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	471	6.4	10.7	1.9	10.8	15.4	2.4	13.4	19.3	2.5
CONDITIONS:										
Acute Myocardial Infarction	11	0.0	26.1	*	9.1	29.8	*	9.1	33.8	*
Congestive Heart Failure	30	3.3	17.9	*	20.0	26.5	*	23.3	33.6	*
Pneumonia/Influenza	27	11.1	17.9	*	11.1	24.0	*	18.5	28.8	*
Chronic Obstructive Pulmonary Disease	3	33.3	20.6	*	33.3	32.2	*	33.3	38.2	*
Transient Cerebral Ischemia	6	0.0	2.1	*	0.0	4.4	*	0.0	7.0	*
Stroke	31	16.1	24.7	*	22.6	30.6	*	29.0	35.3	*
Hip Fracture	13	0.0	5.8	*	0.0	10.5	*	0.0	13.6	*
Sepsis	17	17.6	38.9	*	29.4	47.9	*	29.4	55.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	4.8	*	0.0	9.6	*	0.0	13.1	*
Open Reduction of Hip Fracture	3	0.0	5.3	*	0.0	9.7	*	0.0	12.4	*
Prostatectomy	22	0.0	1.3	*	0.0	3.4	*	0.0	5.9	*
Cholecystectomy	3	0.0	1.7	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	3	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOLY FAMILY HOSPITAL

535 Hospital Road
New Richmond, WI 54017

Medicare Provider Number: 520026

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	324	9.6	7.2	2.7	12.0	11.4	2.6	15.1	15.0	2.3
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	28.8	*	45.5	33.4	*	45.5	38.0	*
Congestive Heart Failure	10	30.0	15.6	*	30.0	24.8	*	30.0	32.6	*
Pneumonia/Influenza	14	7.1	17.6	*	7.1	24.2	*	7.1	29.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.1	*	0.0	10.2	*	0.0	15.0	*
Transient Cerebral Ischemia	7	0.0	2.5	*	0.0	5.7	*	0.0	9.1	*
Stroke	10	10.0	16.0	*	10.0	22.0	*	10.0	26.2	*
Hip Fracture	10	10.0	6.6	*	20.0	12.2	*	30.0	16.2	*
Sepsis	2	100.0	53.3	*	100.0	62.6	*	100.0	71.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.2	*	0.0	7.9	*	0.0	12.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	3.2	*	0.0	6.2	*	14.3	8.2	*
Open Reduction of Hip Fracture	3	33.3	5.3	*	33.3	10.3	*	33.3	13.9	*
Prostatectomy	4	0.0	0.8	*	0.0	1.9	*	0.0	3.1	*
Cholecystectomy	10	10.0	3.8	*	10.0	6.6	*	10.0	8.4	*
Hysterectomy	1	0.0	1.4	*	0.0	3.1	*	0.0	4.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	28
Occupancy Rate	57
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	18
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HOLY FAMILY HOSPITAL

Medicare Provider Number: 520026

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	298	7.4	8.2	2.2	12.1	12.7	2.3	15.8	16.3	2.6
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	29.1	*	22.2	32.7	*	33.3	36.1	*
Congestive Heart Failure	19	5.3	17.9	*	5.3	27.4	*	5.3	34.5	*
Pneumonia/Influenza	6	16.7	19.6	*	16.7	25.6	*	33.3	30.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	11.1	*	50.0	18.2	*	50.0	24.1	*
Transient Cerebral Ischemia	8	0.0	2.2	*	12.5	4.5	*	25.0	7.1	*
Stroke	12	25.0	26.1	*	41.7	32.3	*	50.0	36.6	*
Hip Fracture	8	0.0	7.9	*	25.0	14.8	*	25.0	19.1	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	3.0	*	0.0	8.3	*	0.0	14.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	1.7	*	0.0	2.9	*	0.0	3.7	*
Open Reduction of Hip Fracture	2	0.0	3.7	*	50.0	7.4	*	50.0	10.1	*
Prostatectomy	9	0.0	0.4	*	0.0	1.0	*	0.0	1.6	*
Cholecystectomy	6	16.7	3.8	*	16.7	7.3	*	16.7	9.6	*
Hysterectomy	5	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	236	12.3	8.7	2.7	15.7	13.5	2.8	17.8	17.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	22.1	*	33.3	24.2	*	33.3	26.8	*
Congestive Heart Failure	8	25.0	19.9	*	25.0	30.8	*	50.0	39.1	*
Pneumonia/Influenza	8	12.5	12.7	*	25.0	18.0	*	25.0	22.6	*
Chronic Obstructive Pulmonary Disease	4	0.0	3.0	*	0.0	5.5	*	0.0	7.6	*
Transient Cerebral Ischemia	5	0.0	3.0	*	0.0	7.3	*	0.0	11.9	*
Stroke	9	22.2	21.0	*	22.2	29.0	*	22.2	34.1	*
Hip Fracture	9	11.1	5.3	*	11.1	10.6	*	11.1	14.6	*
Sepsis	1	0.0	30.7	*	0.0	34.6	*	0.0	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	1.8	*	0.0	3.7	*	0.0	5.3	*
Open Reduction of Hip Fracture	2	0.0	5.1	*	0.0	10.9	*	0.0	15.6	*
Prostatectomy	2	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*
Cholecystectomy	7	0.0	1.0	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOLY FAMILY MEDICAL CENTER

2300 Western Avenue
Manitowoc, WI 54220

Medicare Provider Number: 520107

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,298	9.7	9.1	1.2	14.6	14.1	1.5	18.7	18.0	1.6
CONDITIONS:										
Acute Myocardial Infarction	30	30.0	22.3	*	33.3	26.7	*	36.7	30.6	*
Congestive Heart Failure	55	16.4	15.8	6.7	23.6	24.1	8.1	30.9	30.9	6.6
Pneumonia/Influenza	43	9.3	19.9	*	16.3	26.8	*	20.9	31.9	*
Chronic Obstructive Pulmonary Disease	16	0.0	7.6	*	6.3	13.2	*	6.3	18.3	*
Transient Cerebral Ischemia	17	0.0	2.3	*	5.9	5.1	*	11.8	8.1	*
Stroke	45	20.0	20.2	*	22.2	27.7	*	24.4	32.3	*
Hip Fracture	34	5.9	5.2	*	5.9	9.6	*	5.9	12.7	*
Sepsis	32	25.0	25.1	*	34.4	33.6	*	43.8	40.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.9	*	0.0	4.0	*	0.0	6.1	*
Carotid Endarterectomy	16	0.0	1.1	*	0.0	1.9	*	0.0	2.7	*
Hip Replacement/Reconstruction	24	0.0	2.6	*	0.0	5.0	*	0.0	6.8	*
Open Reduction of Hip Fracture	5	0.0	6.6	*	0.0	11.8	*	0.0	15.0	*
Prostatectomy	33	0.0	0.8	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy	25	4.0	4.8	*	8.0	8.5	*	12.0	10.8	*
Hysterectomy	12	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	161
Occupancy Rate	57
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	71
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	0
Registered Nurses	147
Licensed Practical Nurses	20

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HOLY FAMILY MEDICAL CENTER

Medicare Provider Number: 520107

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,216	8.6	9.5	1.2	14.4	14.5	1.4	17.9	18.3	1.6
CONDITIONS:										
Acute Myocardial Infarction	27	29.6	23.9	*	29.6	27.2	*	29.6	30.6	*
Congestive Heart Failure	58	15.5	16.0	5.0	27.6	24.3	8.5	36.2	31.1	11.8
Pneumonia/Influenza	46	13.0	17.5	*	30.4	23.8	*	32.6	28.6	*
Chronic Obstructive Pulmonary Disease	24	20.8	8.2	*	25.0	14.1	*	29.2	19.1	*
Transient Cerebral Ischemia	21	4.8	2.3	*	4.8	5.2	*	14.3	8.3	*
Stroke	36	25.0	20.3	*	27.8	28.0	*	33.3	33.0	*
Hip Fracture	28	3.6	7.5	*	7.1	13.8	*	14.3	17.8	*
Sepsis	37	16.2	29.4	*	27.0	37.9	*	32.4	44.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.9	*	0.0	4.6	*	50.0	7.3	*
Carotid Endarterectomy	11	0.0	1.4	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	23	0.0	3.2	*	4.3	6.4	*	8.7	8.8	*
Open Reduction of Hip Fracture	10	0.0	7.3	*	10.0	13.6	*	20.0	17.6	*
Prostatectomy	34	0.0	1.7	*	0.0	2.8	*	2.9	4.0	*
Cholecystectomy	27	3.7	3.6	*	14.8	6.9	*	14.8	9.2	*
Hysterectomy	6	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,152	9.1	9.8	1.3	15.1	15.1	1.3	19.2	19.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	33	33.3	27.9	*	36.4	31.1	*	42.4	34.5	*
Congestive Heart Failure	44	13.6	19.6	*	29.5	29.8	*	34.1	37.7	*
Pneumonia/Influenza	28	14.3	18.3	*	21.4	25.2	*	21.4	30.3	*
Chronic Obstructive Pulmonary Disease	10	0.0	9.2	*	10.0	15.0	*	10.0	19.7	*
Transient Cerebral Ischemia	34	5.9	2.0	*	5.9	4.3	*	5.9	6.7	*
Stroke	49	22.4	21.0	*	32.7	28.6	*	42.9	33.3	*
Hip Fracture	27	11.1	7.2	*	22.2	13.4	*	25.9	17.6	*
Sepsis	27	25.9	35.3	*	37.0	45.8	*	51.9	53.2	*
PROCEDURES:										
Angioplasty	1	0.0	11.4	*	0.0	12.9	*	0.0	14.8	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	3.8	*	0.0	7.8	*	16.7	11.4	*
Carotid Endarterectomy	14	0.0	1.9	*	0.0	3.9	*	7.1	6.1	*
Hip Replacement/Reconstruction	20	5.0	4.8	*	15.0	9.3	*	15.0	12.4	*
Open Reduction of Hip Fracture	2	0.0	5.3	*	0.0	9.2	*	50.0	11.8	*
Prostatectomy	29	3.4	1.1	*	3.4	2.8	*	3.4	4.6	*
Cholecystectomy	28	7.1	4.3	*	10.7	6.9	*	10.7	8.8	*
Hysterectomy	7	14.3	0.4	*	14.3	1.0	*	14.3	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOWARD YOUNG MEDICAL CENTER

240 Maple St - P O Box 470
Woodruff, WI 54568

Medicare Provider Number: 520091

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,087	7.4	8.3	1.5	11.4	12.5	1.6	15.0	15.9	1.4
CONDITIONS:										
Acute Myocardial Infarction	30	33.3	35.6	*	40.0	39.1	*	40.0	42.6	*
Congestive Heart Failure	55	10.9	14.8	6.3	21.8	23.2	5.8	34.5	30.2	7.1
Pneumonia/Influenza	37	16.2	16.3	*	24.3	22.8	*	27.0	27.7	*
Chronic Obstructive Pulmonary Disease	14	14.3	6.6	*	14.3	11.7	*	28.6	16.5	*
Transient Cerebral Ischemia	5	0.0	3.2	*	0.0	7.2	*	0.0	11.5	*
Stroke	39	20.5	22.3	*	25.6	29.0	*	30.8	33.7	*
Hip Fracture	38	5.3	5.3	*	7.9	9.7	*	15.8	12.7	*
Sepsis	17	11.8	23.5	*	23.5	30.4	*	35.3	36.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.0	*	0.0	6.1	*	0.0	9.2	*
Carotid Endarterectomy	16	0.0	1.6	*	0.0	3.2	*	0.0	4.6	*
Hip Replacement/Reconstruction	34	0.0	2.2	*	0.0	4.0	*	0.0	5.4	*
Open Reduction of Hip Fracture	9	11.1	4.5	*	22.2	8.5	*	22.2	11.3	*
Prostatectomy	61	0.0	0.5	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	37	0.0	3.0	*	2.7	5.7	*	2.7	7.8	*
Hysterectomy	15	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	99
Occupancy Rate	56
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	85
Medical Residents/Interns	0
Registered Nurses	84
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HOWARD YOUNG MEDICAL CENTER

Medicare Provider Number: 520091

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,094	7.3	8.0	1.0	10.5	12.2	1.3	14.2	15.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	24	29.2	30.6	*	33.3	33.9	*	41.7	37.4	*
Congestive Heart Failure	55	12.7	16.4	7.2	23.6	24.9	6.1	32.7	31.9	6.4
Pneumonia/Influenza	23	8.7	15.5	*	8.7	21.5	*	13.0	26.3	*
Chronic Obstructive Pulmonary Disease	18	0.0	9.8	*	16.7	16.1	*	22.2	21.2	*
Transient Cerebral Ischemia	9	0.0	2.0	*	0.0	4.4	*	0.0	7.2	*
Stroke	37	27.0	23.9	*	35.1	29.8	*	37.8	34.4	*
Hip Fracture	37	2.7	6.4	*	2.7	11.2	*	2.7	14.4	*
Sepsis	14	28.6	26.5	*	35.7	34.4	*	50.0	40.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	5.3	*	16.7	7.9	*	16.7	10.8	*
Carotid Endarterectomy	19	0.0	1.6	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	27	0.0	2.2	*	0.0	4.4	*	0.0	6.0	*
Open Reduction of Hip Fracture	16	6.3	5.0	*	6.3	9.3	*	6.3	12.2	*
Prostatectomy	68	0.0	0.9	1.6	0.0	2.1	2.7	2.9	3.6	2.5
Cholecystectomy	29	3.4	3.8	*	3.4	6.8	*	6.9	8.6	*
Hysterectomy	13	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,030	6.1	8.1	1.2	11.6	12.1	1.3	15.0	15.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	27	29.6	31.2	*	33.3	34.8	*	40.7	38.6	*
Congestive Heart Failure	44	13.6	17.7	*	29.5	26.8	*	40.9	34.2	*
Pneumonia/Influenza	28	28.6	14.8	*	32.1	20.3	*	32.1	24.8	*
Chronic Obstructive Pulmonary Disease	18	5.6	13.4	*	11.1	21.3	*	22.2	27.3	*
Transient Cerebral Ischemia	21	0.0	1.9	*	4.8	3.8	*	4.8	5.6	*
Stroke	33	18.2	23.0	*	27.3	29.1	*	30.3	33.6	*
Hip Fracture	29	3.4	6.0	*	3.4	10.8	*	6.9	14.0	*
Sepsis	10	10.0	30.7	*	20.0	38.1	*	40.0	43.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	2.4	*	0.0	4.3	*	0.0	6.1	*
Carotid Endarterectomy	18	0.0	1.6	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction	23	0.0	3.5	*	4.3	6.4	*	4.3	8.4	*
Open Reduction of Hip Fracture	15	6.7	5.7	*	6.7	10.7	*	6.7	14.1	*
Prostatectomy	47	0.0	0.8	*	6.4	2.0	*	8.5	3.3	*
Cholecystectomy	37	8.1	3.7	*	13.5	6.5	*	16.2	8.5	*
Hysterectomy	16	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

405.1

HYMC

January 9, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2–D–2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Re: Hospital Provider #520091

Dear Mrs. Kappert

This is in response to your December 6, 1990 report on Medicare Hospital Mortality Information for our facility. The report provides selected mortality information regarding Medicare patients who were discharged from our facility between October 1, 1988 and September 30, 1990. The report also provides mortality data for our facility for the two previous fiscal years.

In responding, I will first make some general comments regarding our facility and the patients we treat, and follow that with specific comments regarding information contained in your report.

The Howard Young Medical Center is a 99 bed rural multi-specialty acute care hospital. Twenty-five percent of the population we serve are elderly and therefore 66% of our inpatient discharges are Medicare. Our most recent Medicare case index number (1.3479) characterizes the extremely high acuity level of treatment which we render here. This case mix index is the fourteenth highest among all general medical surgical hospitals in the state of Wisconsin and is the highest Medicare index for all rural hospitals in the state.

Many acutely ill patients are referred to HYMC due to multiple factors:

1. For our institution we have an unusually large medical staff which represent 16 specialty and subspecialties.
2. We have a state-of-the-art surgical program which is unusually active for our size institution.
3. Our specialists treat patients locally whenever possible.
4. We are a northcentral Wisconsin and upper Michigan referral base which encompasses a five county area.
5. We have an active Hemodialysis center which attracts multi-problem patients.

Typically, elderly patients have a higher incidence of both morbidity as well as mortality for all serious illnesses. Despite serving a distinctly elderly population, however, our overall mortality morbidity data clearly show we are doing an outstanding job.

For fiscal 1989 the Medicare Hospital Mortality report indicates there were 207 deaths reported for our facility. Of these deaths, 30% died while inpatients and the remainder died within 30, 90 or 180 days following discharge. An analysis of the 207 cases follows:

- 67 patients (32% of the total) were discharged home. These patients did not require home health follow-up. Of these 67 cases, 16 were under the age of 70, 25 were over age 70, an additional 23 were over age 80 and an additional 3 were over the age 90.
- 22 patients (11%) had home health follow-up following discharge.
- 45 patients (22% of total) were discharged to an area nursing home.
- 61 patients (29%) died at HYMC.
- The balance of 12 patients (6%) were transferred to a tertiary care facility for follow-up care.

Of the 61 patients who died while hospitalized at our facility, most had several preexisting high risk conditions present upon admission. These pre-existing co-morbidities frequently restrict a patient's response to treatment. Of the remaining 136 cases who died at a later time, 78% had multiple concurrent medical problems and disorders.

For the 17 categories of patients covered by your report, we had patients in 15 of these categories. For these 15 categories, in six categories we had no deaths at all (199 of the 415 patients reported, or 47%). For an additional seven categories we had deaths within the predicted mortality rate. For two categories we had deaths exceeding the predicted rate, these being chronic obstructive pulmonary disease and open reduction of hip fracture.

In reviewing the data you provided, in fiscal years 1988 and 1987 are death rates for chronic obstructive pulmonary disease and open reduction of hip fracture were below the predicted levels. For both of these years our death rates were more evenly spread among all reported categories. However, for the 1989 data these two categories account for 23 cases (5.5%) of the 415 reported in this study. For chronic obstructive pulmonary disease we had a total of four deaths, two of which occurred in 30 days, there were no additional deaths at 90 days, and two additional deaths at the end of 180 days. For open reduction of hip fracture we had a total of two deaths, one of which was in 30 days and one additional death at 90 days and no additional deaths at 180 days.

In conclusion the small number of deaths based on the small sample size greatly skews and therefore amplifies the reported percentages. I must emphasize that the patients who died in these categories had severe co-morbid conditions and of the reported deaths the average age was 77.6 years.

Thank you for providing us with the opportunity to comment on these statistics.

Sincerely,

Paul A Miller

Paul A. Miller
President & COO

PAM/dmn

HUDSON MEMORIAL HOSPITAL INC

400 Wisconsin Street
Hudson, WI 54016

Medicare Provider Number: 520156

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	248	5.6	7.3	2.1	11.3	11.7	2.3	14.5	15.5	2.5
CONDITIONS:										
Acute Myocardial Infarction	7	14.3	28.7	*	14.3	34.1	*	14.3	38.8	*
Congestive Heart Failure	10	10.0	15.7	*	30.0	24.6	*	40.0	31.9	*
Pneumonia/Influenza	13	7.7	18.3	*	15.4	25.2	*	15.4	30.3	*
Chronic Obstructive Pulmonary Disease	7	0.0	4.5	*	0.0	10.0	*	0.0	15.4	*
Transient Cerebral Ischemia	5	0.0	1.7	*	0.0	3.6	*	0.0	5.8	*
Stroke	10	0.0	18.0	*	20.0	24.8	*	30.0	29.4	*
Hip Fracture	10	20.0	7.5	*	20.0	13.1	*	20.0	16.8	*
Sepsis	3	0.0	18.8	*	0.0	29.0	*	0.0	35.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	20.0	5.2	*	20.0	9.5	*	20.0	12.3	*
Open Reduction of Hip Fracture	4	0.0	4.8	*	0.0	8.6	*	0.0	11.2	*
Prostatectomy	11	0.0	0.7	*	0.0	1.8	*	0.0	3.2	*
Cholecystectomy	2	0.0	3.3	*	0.0	7.5	*	0.0	11.5	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	38
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	0
Registered Nurses	39
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

HUDSON MEMORIAL HOSPITAL INC

Medicare Provider Number: 520156

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	263	11.8	8.9	2.6	17.1	14.0	3.6	21.7	18.2	4.3
CONDITIONS:										
Acute Myocardial Infarction	10	50.0	25.6	*	60.0	28.6	*	60.0	32.0	*
Congestive Heart Failure	12	16.7	20.2	*	50.0	31.8	*	58.3	40.5	*
Pneumonia/Influenza	13	15.4	16.8	*	15.4	22.7	*	15.4	27.4	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.1	*	0.0	12.3	*	0.0	16.8	*
Transient Cerebral Ischemia	3	0.0	2.0	*	33.3	4.3	*	33.3	6.7	*
Stroke	9	22.2	23.7	*	22.2	29.5	*	22.2	33.9	*
Hip Fracture	11	9.1	4.9	*	18.2	9.8	*	27.3	13.1	*
Sepsis	5	20.0	26.7	*	40.0	34.0	*	60.0	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	0.9	*	0.0	2.3	*	0.0	3.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	12.5	3.3	*	18.8	7.0	*	25.0	9.8	*
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	1.1	*	11.1	2.9	*	11.1	5.2	*
Cholecystectomy	2	0.0	1.0	*	0.0	1.8	*	0.0	2.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	238	12.6	9.8	3.0	15.5	15.0	2.6	20.2	19.1	3.9
CONDITIONS:										
Acute Myocardial Infarction	12	16.7	31.7	*	16.7	36.8	*	25.0	41.0	*
Congestive Heart Failure	11	27.3	19.7	*	45.5	29.4	*	45.5	37.4	*
Pneumonia/Influenza	11	27.3	22.2	*	36.4	29.5	*	63.6	35.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	11.2	*	0.0	15.1	*	0.0	20.2	*
Transient Cerebral Ischemia	3	0.0	3.4	*	0.0	8.0	*	33.3	12.9	*
Stroke	12	33.3	23.2	*	33.3	29.5	*	33.3	34.3	*
Hip Fracture	12	0.0	6.8	*	0.0	12.3	*	0.0	16.2	*
Sepsis	1	0.0	37.1	*	0.0	44.9	*	100.0	53.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.2	*	0.0	5.4	*	0.0	8.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	6.7	*	0.0	12.0	*	0.0	15.2	*
Open Reduction of Hip Fracture	4	0.0	5.1	*	0.0	9.8	*	0.0	13.1	*
Prostatectomy	7	0.0	0.4	*	0.0	1.0	*	0.0	1.6	*
Cholecystectomy	5	20.0	2.0	*	20.0	3.6	*	20.0	4.6	*
Hysterectomy	2	0.0	0.9	*	0.0	2.0	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

INDIANHEAD MEDICAL CENTER

215 4th Ave West
Shell Lake, WI 54871

Medicare Provider Number: 520135

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	224	7.1	8.4	2.1	9.8	13.1	2.8	12.5	17.1	3.4
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	23.5	*	42.9	26.6	*	42.9	30.2	*
Congestive Heart Failure	21	4.8	15.7	*	14.3	24.7	*	19.0	31.8	*
Pneumonia/Influenza	10	10.0	18.9	*	10.0	25.3	*	30.0	30.3	*
Chronic Obstructive Pulmonary Disease	8	0.0	6.8	*	0.0	12.8	*	0.0	18.0	*
Transient Cerebral Ischemia	5	0.0	3.4	*	0.0	7.9	*	0.0	12.8	*
Stroke	7	14.3	20.3	*	14.3	26.5	*	14.3	31.2	*
Hip Fracture	6	16.7	6.5	*	16.7	12.6	*	16.7	16.8	*
Sepsis	2	50.0	19.6	*	50.0	23.4	*	50.0	27.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	4.0	*	0.0	7.9	*	0.0	10.8	*
Open Reduction of Hip Fracture	4	25.0	6.7	*	25.0	13.3	*	25.0	18.0	*
Prostatectomy	0									
Cholecystectomy	2	0.0	1.9	*	0.0	3.0	*	0.0	3.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	49
Occupancy Rate	20
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

INDIANHEAD MEDICAL CENTER

Medicare Provider Number: 520135

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	269	7.8	9.3	2.6	12.6	14.1	3.7	14.9	18.1	4.8
CONDITIONS:										
Acute Myocardial Infarction	10	10.0	24.7	*	10.0	27.4	*	10.0	30.8	*
Congestive Heart Failure	13	7.7	18.6	*	23.1	28.8	*	38.5	36.1	*
Pneumonia/Influenza	18	22.2	17.8	*	27.8	24.1	*	27.8	29.2	*
Chronic Obstructive Pulmonary Disease	7	0.0	6.5	*	0.0	12.4	*	0.0	17.6	*
Transient Cerebral Ischemia	6	0.0	2.5	*	0.0	6.1	*	0.0	9.9	*
Stroke	11	0.0	21.3	*	0.0	27.5	*	0.0	32.3	*
Hip Fracture	5	0.0	6.9	*	0.0	13.1	*	0.0	17.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.5	*	0.0	3.5	*	0.0	5.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.0	*	0.0	14.6	*	0.0	19.8	*
Open Reduction of Hip Fracture	3	0.0	6.7	*	0.0	13.0	*	0.0	17.1	*
Prostatectomy	4	0.0	0.6	*	0.0	1.5	*	0.0	2.7	*
Cholecystectomy	7	0.0	1.5	*	0.0	2.9	*	0.0	4.0	*
Hysterectomy	1	0.0	2.8	*	0.0	6.0	*	0.0	8.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	241	8.7	10.5	2.8	10.0	15.4	3.3	14.5	19.4	3.5
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	32.1	*	31.6	37.1	*	31.6	41.4	*
Congestive Heart Failure	16	12.5	16.8	*	12.5	25.5	*	18.8	32.5	*
Pneumonia/Influenza	12	8.3	16.6	*	8.3	22.0	*	16.7	26.1	*
Chronic Obstructive Pulmonary Disease	11	9.1	14.5	*	9.1	24.4	*	27.3	31.5	*
Transient Cerebral Ischemia	3	0.0	2.6	*	0.0	6.4	*	0.0	10.8	*
Stroke	10	10.0	24.0	*	10.0	30.6	*	30.0	35.4	*
Hip Fracture	3	0.0	10.4	*	33.3	20.1	*	33.3	26.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	9.7	*	100.0	19.6	*	100.0	26.4	*
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.5	*	0.0	3.9	*	0.0	6.9	*
Cholecystectomy	2	0.0	0.9	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

IOLA HOSPITAL

185 South Washington Street
Iola, WI 54945

Medicare Provider Number: 520105

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	85	9.4	12.9	5.1	16.5	17.3	4.5	20.0	21.3	4.6
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	53.5	*	50.0	58.1	*	50.0	63.0	*
Congestive Heart Failure	1	0.0	8.3	*	0.0	11.5	*	0.0	15.4	*
Pneumonia/Influenza	10	0.0	15.3	*	10.0	21.3	*	10.0	26.1	*
Chronic Obstructive Pulmonary Disease	6	0.0	10.6	*	0.0	15.1	*	0.0	19.3	*
Transient Cerebral Ischemia	0									
Stroke	4	0.0	20.0	*	50.0	26.5	*	50.0	31.2	*
Hip Fracture	0									
Sepsis	2	50.0	26.2	*	50.0	30.3	*	50.0	35.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	3.5	*	0.0	6.0	*	0.0	7.3	*
Hysterectomy	1	0.0	1.4	*	0.0	3.3	*	0.0	5.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	62
Occupancy Rate	86
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	33
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

IOLA HOSPITAL

Medicare Provider Number: 520105

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	79	10.1	13.1	5.1	17.7	19.0	4.7	25.3	23.7	5.1
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	27.7	*	25.0	31.9	*	25.0	36.0	*
Congestive Heart Failure	1	0.0	18.5	*	0.0	30.1	*	0.0	39.3	*
Pneumonia/Influenza	13	15.4	20.1	*	30.8	26.9	*	30.8	32.1	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	2.2	*	0.0	4.3	*	0.0	6.6	*
Stroke	4	0.0	27.9	*	0.0	35.6	*	0.0	41.2	*
Hip Fracture	0									
Sepsis	2	0.0	15.2	*	0.0	19.6	*	0.0	24.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	79	12.7	9.0	5.7	15.2	13.6	6.2	16.5	17.5	7.1
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	27.9	*	0.0	30.6	*	0.0	34.0	*
Congestive Heart Failure	4	75.0	13.8	*	75.0	22.1	*	75.0	29.3	*
Pneumonia/Influenza	6	50.0	19.4	*	50.0	26.0	*	50.0	31.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	9.6	*	0.0	14.0	*	0.0	19.2	*
Transient Cerebral Ischemia	1	0.0	3.1	*	0.0	7.2	*	0.0	11.9	*
Stroke	3	0.0	34.7	*	33.3	41.1	*	33.3	46.0	*
Hip Fracture	1	0.0	12.7	*	100.0	24.1	*	100.0	33.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

KAUKAUNA COMMUNITY HOSPITAL

308 East 14th Street
Kaukauna, WI 54130

Medicare Provider Number: 520141

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	201	6.5	5.9	2.4	9.0	9.5	2.3	10.9	12.6	2.7
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	9	33.3	15.3	*	33.3	24.8	*	44.4	32.3	*
Pneumonia/Influenza	10	10.0	10.8	*	10.0	14.8	*	10.0	18.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.1	*	0.0	9.3	*	0.0	13.3	*
Transient Cerebral Ischemia	5	0.0	1.7	*	20.0	3.7	*	20.0	6.0	*
Stroke	10	10.0	14.0	*	20.0	19.1	*	20.0	23.1	*
Hip Fracture	7	14.3	4.0	*	14.3	7.8	*	14.3	10.6	*
Sepsis	1	0.0	6.2	*	0.0	9.5	*	0.0	12.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	4.1	*	33.3	8.4	*	33.3	11.7	*
Open Reduction of Hip Fracture	3	0.0	3.4	*	0.0	6.6	*	0.0	9.0	*
Prostatectomy	13	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	9	0.0	1.0	*	0.0	1.8	*	0.0	2.5	*
Hysterectomy	2	0.0	1.2	*	0.0	2.7	*	0.0	4.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	46
Occupancy Rate	33
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	22
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KAUKAUNA COMMUNITY HOSPITAL

Medicare Provider Number: 520141

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	243	8.2	5.9	2.7	11.1	9.3	3.1	15.2	12.3	2.8
CONDITIONS:										
Acute Myocardial Infarction	5	0.0	15.8	*	0.0	18.7	*	0.0	22.0	*
Congestive Heart Failure	10	10.0	13.1	*	10.0	20.1	*	30.0	26.3	*
Pneumonia/Influenza	10	40.0	14.1	*	40.0	19.2	*	40.0	23.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.3	*	0.0	10.8	*	0.0	14.7	*
Transient Cerebral Ischemia	2	0.0	1.4	*	0.0	3.1	*	0.0	4.9	*
Stroke	14	14.3	18.0	*	21.4	23.4	*	28.6	27.7	*
Hip Fracture	6	16.7	5.6	*	16.7	11.1	*	16.7	15.0	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	5.8	*	25.0	12.2	*	25.0	16.7	*
Open Reduction of Hip Fracture	2	0.0	3.6	*	0.0	7.3	*	0.0	10.0	*
Prostatectomy	13	0.0	1.2	*	0.0	3.0	*	7.7	4.8	*
Cholecystectomy	4	0.0	0.9	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	2	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	268	6.3	6.1	2.7	10.4	9.8	2.8	13.8	12.9	3.3
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	31.7	*	25.0	34.9	*	25.0	38.8	*
Congestive Heart Failure	6	0.0	13.0	*	33.3	20.4	*	50.0	27.0	*
Pneumonia/Influenza	8	0.0	16.3	*	12.5	22.7	*	37.5	27.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	10.8	*	0.0	17.7	*	0.0	23.0	*
Transient Cerebral Ischemia	7	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke	4	0.0	19.0	*	0.0	24.9	*	0.0	29.8	*
Hip Fracture	7	0.0	5.2	*	0.0	9.7	*	0.0	12.9	*
Sepsis	3	66.7	24.5	*	66.7	31.0	*	66.7	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	4.6	*	0.0	8.8	*	0.0	11.7	*
Open Reduction of Hip Fracture	2	0.0	4.0	*	0.0	8.2	*	0.0	11.3	*
Prostatectomy	9	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	6	0.0	2.4	*	0.0	4.3	*	0.0	6.0	*
Hysterectomy	5	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

KENOSHA HOSPITAL & MEDICAL CENTER

6308 8th Ave
Kenosha, WI 53140

Medicare Provider Number: 520021

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,398	10.4	9.0	1.3	15.1	13.6	1.4	18.2	17.2	1.4
CONDITIONS:										
Acute Myocardial Infarction	45	20.0	26.8	*	24.4	29.9	*	24.4	33.2	*
Congestive Heart Failure	85	14.1	14.9	3.9	20.0	23.2	5.9	24.7	30.2	7.2
Pneumonia/Influenza	59	20.3	13.5	7.5	27.1	18.3	9.0	28.8	22.4	9.0
Chronic Obstructive Pulmonary Disease	12	0.0	10.0	*	8.3	16.6	*	16.7	22.7	*
Transient Cerebral Ischemia	25	0.0	1.9	*	12.0	4.2	*	16.0	6.8	*
Stroke	52	30.8	21.3	7.1	40.4	28.1	8.3	44.2	32.6	9.0
Hip Fracture	33	18.2	7.8	*	24.2	13.4	*	27.3	16.9	*
Sepsis	13	30.8	25.9	*	30.8	36.7	*	30.8	42.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	4.2	*	0.0	8.1	*	0.0	11.7	*
Carotid Endarterectomy	7	0.0	1.5	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	19	15.8	4.8	*	15.8	8.5	*	15.8	11.0	*
Open Reduction of Hip Fracture	12	16.7	8.8	*	33.3	15.9	*	41.7	20.1	*
Prostatectomy	33	3.0	1.1	*	3.0	2.6	*	9.1	4.4	*
Cholecystectomy	38	7.9	2.6	*	7.9	4.9	*	10.5	6.6	*
Hysterectomy	7	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	147
Occupancy Rate	52
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	134
Percent of Physicians Board Certified Specialists	66
Medical Residents/Interns	0
Registered Nurses	123
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KENOSHA HOSPITAL & MEDICAL CENTER

Medicare Provider Number: 520021

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,362	10.7	9.5	1.2	15.7	14.1	1.6	18.8	17.8	1.2
CONDITIONS:										
Acute Myocardial Infarction	51	33.3	33.0	6.8	33.3	36.8	7.5	35.3	40.4	9.2
Congestive Heart Failure	101	16.8	16.7	4.0	31.7	25.1	6.3	36.6	31.8	5.8
Pneumonia/Influenza	60	11.7	14.5	5.3	16.7	19.2	6.0	20.0	23.1	7.1
Chronic Obstructive Pulmonary Disease	15	6.7	8.9	*	6.7	14.5	*	6.7	19.2	*
Transient Cerebral Ischemia	27	3.7	2.3	*	7.4	5.2	*	11.1	8.3	*
Stroke	39	25.6	26.1	*	38.5	32.0	*	41.0	36.4	*
Hip Fracture	31	9.7	7.1	*	9.7	12.4	*	9.7	15.6	*
Sepsis	15	46.7	24.4	*	46.7	33.1	*	53.3	38.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	10.5	*	0.0	15.4	*	0.0	19.6	*
Carotid Endarterectomy	2	0.0	1.0	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction	21	0.0	3.1	*	0.0	5.8	*	0.0	7.4	*
Open Reduction of Hip Fracture	14	7.1	6.4	*	7.1	11.7	*	7.1	15.1	*
Prostatectomy	34	8.8	1.3	*	8.8	3.1	*	8.8	5.1	*
Cholecystectomy	27	3.7	2.8	*	7.4	5.4	*	7.4	7.1	*
Hysterectomy	4	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,323	10.6	9.7	0.9	14.8	14.5	1.0	18.4	18.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	54	42.6	31.8	8.3	44.4	35.8	7.8	44.4	39.3	7.7
Congestive Heart Failure	79	15.2	17.3	5.1	26.6	25.7	5.2	36.7	32.7	8.1
Pneumonia/Influenza	58	13.8	15.9	5.1	25.9	21.4	6.5	25.9	26.1	6.4
Chronic Obstructive Pulmonary Disease	13	23.1	9.9	*	30.8	16.2	*	38.5	21.3	*
Transient Cerebral Ischemia	35	2.9	2.4	*	8.6	5.6	*	11.4	8.9	*
Stroke	50	30.0	22.0	*	34.0	28.9	*	42.0	33.4	*
Hip Fracture	40	12.5	6.6	*	12.5	12.2	*	12.5	16.2	*
Sepsis	11	0.0	26.0	*	0.0	34.5	*	0.0	39.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	0.0	2.6	*	0.0	5.6	*	14.3	8.6	*
Carotid Endarterectomy	7	0.0	1.6	*	0.0	3.1	*	0.0	4.5	*
Hip Replacement/Reconstruction	20	15.0	2.6	*	15.0	5.0	*	15.0	6.7	*
Open Reduction of Hip Fracture	16	12.5	6.5	*	12.5	12.9	*	12.5	17.6	*
Prostatectomy	31	3.2	1.2	*	6.5	3.1	*	6.5	5.3	*
Cholecystectomy	28	3.6	3.0	*	3.6	5.5	*	7.1	7.2	*
Hysterectomy	4	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

KETTLE MORAINE HOSPITAL

4839 N Hewitts Point Rd
Oconomowoc, WI 53066

Medicare Provider Number: 520180

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	33	0.0	0.4	*	0.0	1.1	*	0.0	2.0	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	58
Occupancy Rate	72
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

KETTLE MORAINE HOSPITAL

Medicare Provider Number: 520180

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	2	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	0									
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LA CROSSE LUTHERAN HOSPITAL

1910 South Avenue
La Crosse, WI 54601

Medicare Provider Number: 520087

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,965	7.7	8.7	0.7	12.0	13.2	0.6	14.7	16.7	0.8
CONDITIONS:										
Acute Myocardial Infarction	192	28.6	27.5	3.4	30.7	31.0	3.3	31.8	34.4	3.7
Congestive Heart Failure	108	7.4	16.0	5.2	17.6	24.6	5.6	22.2	31.7	6.5
Pneumonia/Influenza	98	13.3	19.4	5.4	22.4	26.6	6.4	24.5	32.0	7.3
Chronic Obstructive Pulmonary Disease	32	3.1	7.2	*	9.4	13.0	*	12.5	17.9	*
Transient Cerebral Ischemia	32	0.0	1.7	*	0.0	3.9	*	0.0	6.2	*
Stroke	128	12.5	23.5	5.8	18.8	29.6	6.4	22.7	34.3	6.4
Hip Fracture	117	3.4	7.0	3.3	8.5	12.5	3.9	13.7	16.1	3.7
Sepsis	46	19.6	27.1	*	34.8	36.7	*	39.1	43.7	*
PROCEDURES:										
Angioplasty	70	8.6	4.6	3.9	10.0	5.7	4.1	11.4	7.0	4.3
Coronary Artery Bypass Graft	123	5.7	6.7	2.5	7.3	9.1	3.6	8.9	10.6	3.8
Initial Pacemaker Insertion	32	0.0	2.5	*	0.0	5.0	*	0.0	7.4	*
Carotid Endarterectomy	5	0.0	2.1	*	20.0	4.5	*	20.0	6.6	*
Hip Replacement/Reconstruction	85	1.2	3.0	2.6	4.7	5.6	3.6	4.7	7.5	4.0
Open Reduction of Hip Fracture	38	0.0	5.6	*	5.3	10.3	*	15.8	13.6	*
Prostatectomy	172	0.6	0.9	*	0.6	2.2	*	1.2	3.7	*
Cholecystectomy	72	1.4	2.7	2.2	2.8	4.7	3.0	5.6	6.1	3.2
Hysterectomy	32	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	386
Occupancy Rate	66
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	210
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	25
Registered Nurses	461
Licensed Practical Nurses	59

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LA CROSSE LUTHERAN HOSPITAL

Medicare Provider Number: 520087

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,885	8.8	9.1	0.6	12.7	13.8	0.7	15.8	17.5	0.8
CONDITIONS:										
Acute Myocardial Infarction	143	26.6	31.0	6.3	30.8	34.6	6.3	32.9	38.2	6.5
Congestive Heart Failure	128	19.5	16.6	4.5	23.4	25.0	4.7	33.6	31.9	4.5
Pneumonia/Influenza	93	21.5	21.0	4.3	24.7	28.3	5.1	29.0	33.5	5.4
Chronic Obstructive Pulmonary Disease	31	3.2	7.3	*	3.2	13.5	*	9.7	19.0	*
Transient Cerebral Ischemia	38	0.0	1.8	*	2.6	3.9	*	2.6	6.2	*
Stroke	106	23.6	26.6	5.7	32.1	32.4	4.6	36.8	37.2	4.9
Hip Fracture	103	8.7	7.2	2.8	12.6	13.1	3.5	14.6	16.8	5.2
Sepsis	50	26.0	30.9	*	34.0	40.2	*	38.0	47.1	*
PROCEDURES:										
Angioplasty	78	6.4	7.4	4.0	7.7	8.7	3.3	11.5	10.1	3.6
Coronary Artery Bypass Graft	100	8.0	7.6	3.1	12.0	10.1	3.3	15.0	11.5	4.2
Initial Pacemaker Insertion	25	12.0	6.4	*	12.0	10.4	*	20.0	14.1	*
Carotid Endarterectomy	5	0.0	2.1	*	20.0	4.6	*	40.0	7.0	*
Hip Replacement/Reconstruction	78	0.0	2.7	2.7	1.3	5.1	4.1	2.6	6.8	4.8
Open Reduction of Hip Fracture	23	13.0	5.9	*	13.0	11.3	*	17.4	15.0	*
Prostatectomy	181	1.1	1.0	0.8	2.2	2.5	1.4	5.0	4.1	1.9
Cholecystectomy	74	5.4	3.1	3.4	6.8	5.4	3.8	8.1	6.9	3.6
Hysterectomy	28	0.0	0.6	*	3.6	1.3	*	7.1	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,811	8.2	8.7	0.6	12.8	13.4	0.8	15.4	17.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	111	31.5	31.2	4.4	37.8	35.0	5.4	39.6	38.7	4.7
Congestive Heart Failure	97	16.5	19.4	4.6	32.0	29.3	5.1	36.1	37.0	5.0
Pneumonia/Influenza	79	26.6	21.0	8.2	34.2	28.2	8.0	38.0	33.8	7.2
Chronic Obstructive Pulmonary Disease	25	12.0	8.7	*	16.0	14.7	*	16.0	19.4	*
Transient Cerebral Ischemia	43	2.3	2.3	*	2.3	5.1	*	7.0	8.1	*
Stroke	104	27.9	27.1	4.5	31.7	33.7	5.0	39.4	38.7	5.0
Hip Fracture	114	3.5	6.9	3.3	7.0	12.3	5.2	10.5	16.0	6.0
Sepsis	46	28.3	30.6	*	39.1	39.4	*	39.1	46.3	*
PROCEDURES:										
Angioplasty	73	12.3	5.8	4.4	12.3	7.0	4.8	13.7	8.5	5.0
Coronary Artery Bypass Graft	114	12.3	7.7	3.9	18.4	10.4	4.5	20.2	12.0	4.5
Initial Pacemaker Insertion	35	5.7	5.7	*	5.7	10.2	*	5.7	13.7	*
Carotid Endarterectomy	10	0.0	1.4	*	0.0	2.6	*	10.0	3.7	*
Hip Replacement/Reconstruction	84	3.6	2.3	3.0	3.6	4.3	3.3	7.1	5.8	2.9
Open Reduction of Hip Fracture	22	4.5	6.1	*	9.1	11.7	*	9.1	15.6	*
Prostatectomy	169	0.0	1.2	1.2	3.0	3.0	2.1	3.6	5.1	2.9
Cholecystectomy	69	1.4	4.1	3.1	7.2	7.6	4.9	10.1	9.9	5.6
Hysterectomy	32	3.1	0.7	*	3.1	1.6	*	3.1	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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LUTHERAN HOSPITAL
LA CROSSE

January 12, 1991

Health Care Financing Administration
Health Standards & Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

RE: HCFA Mortality Data
Provider No: 520087

We support the 1989 HCFA Mortality Report as bench marks against which we can compare ourselves. It can provide valuable insights as a part of a hospital medical staff's overall quality assurance program. However, the data alone cannot be used to draw conclusions. Without conducting individual chart review, it is not possible to make meaningful statements or judgements on quality of care. Just because a hospital's mortality is above the expected rate, it is not per se an indication that there is a problem any more than a mortality rate that is lower than expected means there are not areas for improvement.

Angioplasty was the only area in which our data exceeded the predicted mortality. By reviewing individual patients, we found that 4 of the 8 deaths were patients who arrived in cardiogenic shock. One patient expired while undergoing coronary artery bypass grafting more than 60 days after the angioplasty and arguably should not have been classified as an angioplasty death. The other 2 patients died of unrelated causes, i.e. renal cell carcinoma and septicemia.

The reported literature is that patients with cardiogenic shock have a low survival rate after angioplasty, but almost no chance of survival without angioplasty. Hence in some facilities, this type of patient may not be an angioplasty candidate.

The exercise in reviewing this data was worthwhile and an important step in ensuring quality health care.

Sincerely.

Donald Smith

Donald Smith,
Senior Vice President

KC/A:7(kmrV)
DT: 1/12/91

1910 South Avenue, La Crosse, Wisconsin 54601-9980, Telephone (608) 785-0530

LADD MEMORIAL HOSPITAL

301 River Street
Osceola, WI 54020

Medicare Provider Number: 520157

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	152	9.9	10.5	2.8	12.5	15.8	3.5	13.8	20.0	4.8
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	32.0	*	33.3	37.0	*	33.3	42.3	*
Congestive Heart Failure	14	14.3	15.6	*	14.3	24.4	*	21.4	31.6	*
Pneumonia/Influenza	12	16.7	17.4	*	25.0	23.6	*	25.0	28.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	12.4	*	0.0	19.2	*	0.0	24.7	*
Transient Cerebral Ischemia	6	0.0	3.3	*	0.0	8.0	*	0.0	13.4	*
Stroke	7	28.6	19.2	*	28.6	24.8	*	28.6	29.3	*
Hip Fracture	4	25.0	4.6	*	25.0	8.4	*	25.0	11.2	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	100.0	5.9	*	100.0	11.9	*	100.0	16.2	*
Open Reduction of Hip Fracture	2	0.0	3.3	*	0.0	6.0	*	0.0	8.1	*
Prostatectomy	3	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*
Cholecystectomy	7	0.0	0.7	*	0.0	1.2	*	0.0	1.6	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1991

Total Beds	42
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	0
Registered Nurses	15
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	No
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

LADD MEMORIAL HOSPITAL

Medicare Provider Number: 520157

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	158	10.8	14.0	3.4	12.0	20.1	4.2	15.8	24.7	4.7
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	35.0	*	20.0	38.2	*	20.0	42.1	*
Congestive Heart Failure	16	12.5	16.1	*	12.5	24.4	*	18.8	31.3	*
Pneumonia/Influenza	8	12.5	18.7	*	12.5	24.5	*	12.5	29.2	*
Chronic Obstructive Pulmonary Disease	2	0.0	28.3	*	0.0	36.9	*	0.0	43.0	*
Transient Cerebral Ischemia	2	0.0	3.2	*	0.0	6.9	*	0.0	10.6	*
Stroke	19	26.3	28.5	*	26.3	36.4	*	36.8	42.0	*
Hip Fracture	0									
Sepsis	0									
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	0.9	*	0.0	2.2	*	0.0	3.7	*
Cholecystectomy	3	0.0	6.5	*	0.0	11.4	*	0.0	14.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	164	6.7	11.2	3.2	10.4	16.1	3.9	12.8	20.2	4.5
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	33.6	*	57.1	36.6	*	57.1	40.5	*
Congestive Heart Failure	10	10.0	15.3	*	10.0	23.5	*	10.0	30.4	*
Pneumonia/Influenza	7	0.0	12.6	*	0.0	16.7	*	0.0	20.3	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.9	*	0.0	13.1	*	0.0	18.3	*
Transient Cerebral Ischemia	8	0.0	1.6	*	0.0	3.6	*	12.5	5.8	*
Stroke	17	11.8	21.9	*	11.8	28.1	*	11.8	33.1	*
Hip Fracture	2	50.0	19.0	*	50.0	30.1	*	50.0	36.1	*
Sepsis	2	0.0	54.5	*	0.0	69.0	*	0.0	77.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	0.0	2.7	*	0.0	5.5	*	0.0	7.7	*
Prostatectomy	8	0.0	0.9	*	0.0	1.9	*	0.0	3.1	*
Cholecystectomy	1	0.0	0.8	*	0.0	1.5	*	0.0	2.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAKELAND HOSPITAL

P O Box 1002 County Tronk Nn
Elkhorn, WI 53121

Medicare Provider Number: 520102

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,197	9.9	10.0	0.9	15.0	14.6	1.1	18.6	18.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	41	22.0	29.6	*	26.8	32.5	*	29.3	36.0	*
Congestive Heart Failure	72	16.7	16.8	4.9	26.4	25.9	6.1	34.7	33.0	7.0
Pneumonia/Influenza	53	9.4	16.0	7.7	15.1	21.8	8.5	22.6	26.5	7.1
Chronic Obstructive Pulmonary Disease	4	25.0	11.3	*	25.0	15.7	*	25.0	20.0	*
Transient Cerebral Ischemia	14	0.0	2.0	*	7.1	4.6	*	7.1	7.3	*
Stroke	64	26.6	20.7	9.8	32.8	27.0	10.3	37.5	31.5	9.4
Hip Fracture	53	5.7	6.9	3.8	9.4	12.5	6.7	13.2	16.2	7.3
Sepsis	14	14.3	25.0	*	14.3	30.8	*	21.4	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	6.3	5.0	*	18.8	9.3	*	18.8	12.8	*
Carotid Endarterectomy	3	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction	19	0.0	6.2	*	5.3	11.7	*	5.3	15.5	*
Open Reduction of Hip Fracture	29	0.0	5.6	*	3.4	10.5	*	10.3	13.9	*
Prostatectomy	21	0.0	1.9	*	0.0	3.6	*	4.8	5.5	*
Cholecystectomy	32	0.0	2.2	*	0.0	3.8	*	3.1	5.0	*
Hysterectomy	7	0.0	1.3	*	0.0	2.9	*	0.0	4.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	119
Occupancy Rate	45
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	51
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	111
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LAKELAND HOSPITAL

Medicare Provider Number: 520102

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,270	9.9	10.2	0.9	14.9	15.0	1.1	17.5	18.9	1.7
CONDITIONS:										
Acute Myocardial Infarction	35	20.0	31.5	*	28.6	35.1	*	28.6	39.3	*
Congestive Heart Failure	56	21.4	18.5	8.0	28.6	28.1	7.8	33.9	35.7	6.6
Pneumonia/Influenza	59	16.9	18.7	5.3	25.4	24.9	6.6	33.9	29.7	10.3
Chronic Obstructive Pulmonary Disease	11	0.0	11.8	*	18.2	17.5	*	18.2	22.4	*
Transient Cerebral Ischemia	22	4.5	2.2	*	4.5	4.8	*	4.5	7.6	*
Stroke	46	26.1	22.4	*	30.4	28.2	*	32.6	32.8	*
Hip Fracture	48	4.2	5.4	*	6.3	9.9	*	10.4	12.9	*
Sepsis	15	13.3	30.7	*	20.0	37.3	*	20.0	42.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	8.9	*	11.1	12.8	*	11.1	16.3	*
Carotid Endarterectomy	4	0.0	1.4	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	12	8.3	5.1	*	8.3	10.0	*	8.3	12.9	*
Open Reduction of Hip Fracture	26	3.8	4.8	*	7.7	9.1	*	11.5	12.0	*
Prostatectomy	32	3.1	1.6	*	3.1	4.0	*	6.3	6.9	*
Cholecystectomy	39	2.6	4.1	*	5.1	7.0	*	7.7	8.9	*
Hysterectomy	14	0.0	1.0	*	7.1	2.1	*	7.1	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,176	10.2	10.0	0.9	15.4	14.7	1.2	19.3	18.5	1.4
CONDITIONS:										
Acute Myocardial Infarction	39	25.6	33.1	*	25.6	36.4	*	28.2	40.0	*
Congestive Heart Failure	49	14.3	17.0	*	24.5	24.8	*	42.9	31.7	*
Pneumonia/Influenza	50	14.0	16.6	*	16.0	22.0	*	22.0	26.7	*
Chronic Obstructive Pulmonary Disease	10	20.0	9.0	*	20.0	14.5	*	20.0	19.0	*
Transient Cerebral Ischemia	14	0.0	2.2	*	0.0	4.9	*	0.0	8.0	*
Stroke	65	18.5	21.9	8.4	24.6	28.6	9.0	30.8	33.5	7.8
Hip Fracture	46	8.7	7.3	*	15.2	13.4	*	17.4	17.3	*
Sepsis	7	28.6	24.9	*	28.6	33.2	*	28.6	39.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	2.8	*	10.0	5.6	*	10.0	8.3	*
Carotid Endarterectomy	8	0.0	1.4	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction	8	0.0	5.6	*	25.0	10.6	*	25.0	14.0	*
Open Reduction of Hip Fracture	23	4.3	6.0	*	4.3	11.2	*	8.7	14.5	*
Prostatectomy	22	0.0	1.0	*	0.0	2.5	*	4.5	4.1	*
Cholecystectomy	29	6.9	3.3	*	6.9	5.8	*	6.9	7.7	*
Hysterectomy	13	0.0	1.3	*	0.0	2.8	*	0.0	4.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAKEVIEW HOSPITAL

10010 West Bluemound Road
Milwaukee, WI 53226

Medicare Provider Number: 520082

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	679	9.6	8.1	1.3	13.3	12.8	1.3	15.5	16.5	1.5
CONDITIONS:										
Acute Myocardial Infarction	10	10.0	25.1	*	10.0	29.1	*	20.0	32.9	*
Congestive Heart Failure	28	10.7	16.1	*	14.3	24.5	*	14.3	31.3	*
Pneumonia/Influenza	26	23.1	14.7	*	30.8	20.5	*	30.8	24.8	*
Chronic Obstructive Pulmonary Disease	9	0.0	6.4	*	0.0	11.0	*	0.0	15.1	*
Transient Cerebral Ischemia	9	0.0	2.3	*	11.1	5.4	*	11.1	8.6	*
Stroke	11	27.3	30.9	*	36.4	39.2	*	36.4	45.0	*
Hip Fracture	6	16.7	8.9	*	16.7	17.0	*	16.7	22.8	*
Sepsis	9	33.3	32.5	*	44.4	41.7	*	44.4	49.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.6	*	0.0	3.6	*	0.0	5.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	2.9	*	0.0	6.0	*	0.0	8.3	*
Open Reduction of Hip Fracture	3	0.0	7.7	*	0.0	14.6	*	0.0	19.5	*
Prostatectomy	26	0.0	1.1	*	3.8	2.7	*	3.8	4.5	*
Cholecystectomy	20	0.0	1.4	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy	2	0.0	6.9	*	50.0	14.9	*	50.0	22.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	118
Occupancy Rate	33
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	55
Percent of Physicians Board Certified Specialists	36
Medical Residents/Interns	7
Registered Nurses	48
Licensed Practical Nurses	21

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LAKEVIEW HOSPITAL

Medicare Provider Number: 520082

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	603	5.5	8.2	1.7	9.6	12.8	2.0	13.8	16.3	2.1
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	29.9	*	33.3	34.7	*	33.3	38.7	*
Congestive Heart Failure	20	5.0	22.0	*	10.0	32.1	*	15.0	39.4	*
Pneumonia/Influenza	26	15.4	19.3	*	26.9	26.0	*	26.9	30.8	*
Chronic Obstructive Pulmonary Disease	9	0.0	4.8	*	11.1	10.5	*	11.1	15.5	*
Transient Cerebral Ischemia	8	0.0	2.9	*	0.0	6.3	*	0.0	9.8	*
Stroke	13	23.1	24.8	*	23.1	32.0	*	30.8	37.1	*
Hip Fracture	7	14.3	11.6	*	28.6	20.7	*	28.6	26.1	*
Sepsis	9	0.0	37.1	*	22.2	46.0	*	22.2	53.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.9	*	0.0	7.6	*	0.0	10.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	1.0	*	0.0	2.0	*	0.0	2.7	*
Open Reduction of Hip Fracture	3	0.0	10.7	*	33.3	20.5	*	33.3	26.6	*
Prostatectomy	21	0.0	0.7	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy	14	7.1	2.8	*	7.1	4.9	*	7.1	6.2	*
Hysterectomy	5	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	499	8.2	7.5	1.6	11.4	11.7	1.5	14.0	15.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	35.2	*	44.4	39.4	*	55.6	43.3	*
Congestive Heart Failure	18	22.2	19.6	*	33.3	28.9	*	33.3	36.3	*
Pneumonia/Influenza	14	14.3	12.3	*	28.6	17.0	*	35.7	20.9	*
Chronic Obstructive Pulmonary Disease	10	30.0	12.8	*	30.0	24.1	*	30.0	31.8	*
Transient Cerebral Ischemia	6	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*
Stroke	10	10.0	22.4	*	10.0	28.9	*	10.0	33.8	*
Hip Fracture	14	0.0	8.6	*	21.4	16.2	*	21.4	21.5	*
Sepsis	6	16.7	36.0	*	16.7	43.7	*	16.7	50.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.8	*	0.0	3.8	*	0.0	5.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.1	*	0.0	6.5	*	0.0	9.1	*
Open Reduction of Hip Fracture	7	0.0	9.6	*	42.9	19.0	*	42.9	25.8	*
Prostatectomy	25	0.0	0.7	*	4.0	1.6	*	8.0	2.8	*
Cholecystectomy	14	0.0	2.4	*	7.1	4.1	*	14.3	5.3	*
Hysterectomy	3	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LAKEVIEW MEDICAL CENTER

1100 North Main St
Rice Lake, WI 54868

Medicare Provider Number: 520011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	891	7.4	7.4	1.0	11.7	11.3	1.5	14.1	14.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	35	17.1	26.8	*	22.9	29.8	*	25.7	33.4	*
Congestive Heart Failure	46	21.7	16.2	*	32.6	25.4	*	34.8	32.8	*
Pneumonia/Influenza	36	8.3	14.5	*	13.9	19.8	*	16.7	24.2	*
Chronic Obstructive Pulmonary Disease	8	0.0	7.1	*	0.0	12.1	*	12.5	17.1	*
Transient Cerebral Ischemia	15	0.0	2.1	*	0.0	4.8	*	0.0	7.9	*
Stroke	20	15.0	18.5	*	30.0	23.9	*	35.0	28.1	*
Hip Fracture	51	0.0	5.6	6.0	2.0	10.0	7.7	3.9	13.0	7.9
Sepsis	12	25.0	17.9	*	41.7	25.2	*	41.7	30.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	37	0.0	2.4	*	2.7	4.4	*	2.7	5.9	*
Open Reduction of Hip Fracture	30	0.0	4.9	*	0.0	9.4	*	3.3	12.5	*
Prostatectomy	38	5.3	0.7	*	5.3	1.6	*	7.9	2.8	*
Cholecystectomy	24	8.3	2.9	*	8.3	5.0	*	8.3	6.7	*
Hysterectomy	10	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	75
Occupancy Rate	52
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	32
Percent of Physicians Board Certified Specialists	97
Medical Residents/Interns	0
Registered Nurses	83
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LAKEVIEW MEDICAL CENTER

Medicare Provider Number: 520011

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	852	8.5	7.7	1.1	11.4	11.7	1.2	14.6	15.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	40	25.0	28.2	*	30.0	31.3	*	30.0	34.8	*
Congestive Heart Failure	45	22.2	15.0	*	26.7	23.3	*	40.0	30.1	*
Pneumonia/Influenza	29	13.8	13.6	*	17.2	18.6	*	24.1	22.7	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.6	*	0.0	10.6	*	0.0	15.3	*
Transient Cerebral Ischemia	10	0.0	2.2	*	0.0	5.1	*	0.0	8.1	*
Stroke	24	16.7	26.6	*	20.8	33.1	*	25.0	38.1	*
Hip Fracture	28	7.1	6.9	*	10.7	12.5	*	10.7	16.2	*
Sepsis	9	22.2	23.3	*	22.2	31.7	*	33.3	38.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	32.1	*	100.0	39.5	*	100.0	44.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	32	0.0	2.0	*	3.1	3.9	*	3.1	5.3	*
Open Reduction of Hip Fracture	18	11.1	6.4	*	11.1	12.0	*	11.1	15.7	*
Prostatectomy	35	0.0	2.1	*	2.9	3.4	*	2.9	4.7	*
Cholecystectomy	13	7.7	2.3	*	7.7	4.0	*	15.4	5.2	*
Hysterectomy	9	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	839	7.9	7.6	1.1	11.9	11.7	1.1	14.2	15.1	1.4
CONDITIONS:										
Acute Myocardial Infarction	30	33.3	33.7	*	36.7	37.2	*	43.3	41.0	*
Congestive Heart Failure	45	11.1	15.9	*	22.2	24.1	*	22.2	30.9	*
Pneumonia/Influenza	16	6.3	13.9	*	31.3	18.9	*	31.3	23.4	*
Chronic Obstructive Pulmonary Disease	6	16.7	6.7	*	33.3	12.9	*	50.0	18.3	*
Transient Cerebral Ischemia	9	0.0	2.5	*	0.0	5.7	*	0.0	9.2	*
Stroke	26	30.8	26.3	*	38.5	32.4	*	38.5	37.1	*
Hip Fracture	45	6.7	6.6	*	11.1	12.1	*	11.1	16.0	*
Sepsis	6	0.0	16.2	*	16.7	21.8	*	16.7	26.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	44	2.3	4.2	*	2.3	7.2	*	2.3	9.4	*
Open Reduction of Hip Fracture	21	9.5	6.4	*	19.0	12.6	*	19.0	17.1	*
Prostatectomy	44	0.0	0.9	*	2.3	2.3	*	2.3	4.0	*
Cholecystectomy	20	10.0	4.8	*	10.0	9.9	*	15.0	13.8	*
Hysterectomy	10	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LANCASTER MEMORIAL HOSPITAL

507 S Monroe St
Lancaster, WI 53813

Medicare Provider Number: 520146

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	305	8.5	7.7	1.7	12.5	12.1	2.2	17.0	15.8	2.7
CONDITIONS:										
Acute Myocardial Infarction	10	50.0	27.8	*	50.0	31.6	*	60.0	35.6	*
Congestive Heart Failure	17	11.8	16.7	*	11.8	25.3	*	29.4	32.2	*
Pneumonia/Influenza	16	18.8	14.4	*	31.3	19.3	*	31.3	23.6	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.4	*	16.7	14.1	*	33.3	19.0	*
Transient Cerebral Ischemia	3	0.0	4.4	*	0.0	10.3	*	0.0	16.4	*
Stroke	13	23.1	20.4	*	38.5	27.2	*	53.8	32.0	*
Hip Fracture	16	6.3	6.6	*	6.3	12.4	*	18.8	16.6	*
Sepsis	2	0.0	19.3	*	0.0	29.0	*	50.0	34.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	4.3	*	0.0	8.1	*	0.0	11.0	*
Open Reduction of Hip Fracture	6	0.0	5.2	*	0.0	10.0	*	0.0	13.5	*
Prostatectomy	4	0.0	2.9	*	0.0	7.7	*	0.0	13.6	*
Cholecystectomy	5	0.0	1.5	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy	5	20.0	4.3	*	20.0	6.5	*	20.0	8.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	35
Occupancy Rate	37
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LANCASTER MEMORIAL HOSPITAL

Medicare Provider Number: 520146

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	341	10.0	8.7	2.0	15.0	13.0	2.1	16.7	16.5	2.0
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	26.7	*	38.1	29.9	*	38.1	33.3	*
Congestive Heart Failure	18	27.8	14.7	*	38.9	22.3	*	38.9	28.7	*
Pneumonia/Influenza	22	18.2	18.0	*	22.7	23.8	*	27.3	28.4	*
Chronic Obstructive Pulmonary Disease	7	14.3	4.3	*	28.6	8.7	*	28.6	12.8	*
Transient Cerebral Ischemia	3	0.0	1.8	*	0.0	3.9	*	0.0	6.0	*
Stroke	18	22.2	21.2	*	27.8	27.6	*	27.8	32.4	*
Hip Fracture	12	8.3	7.1	*	25.0	13.2	*	33.3	17.5	*
Sepsis	1	0.0	21.7	*	0.0	27.5	*	0.0	33.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	10.9	*	100.0	20.2	*	100.0	26.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	4.2	*	10.0	8.2	*	20.0	11.2	*
Open Reduction of Hip Fracture	7	14.3	6.2	*	28.6	12.3	*	28.6	16.8	*
Prostatectomy	1	0.0	0.8	*	0.0	1.5	*	0.0	2.3	*
Cholecystectomy	3	0.0	1.3	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy	1	0.0	0.8	*	0.0	1.1	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	316	8.9	7.6	2.2	12.3	11.5	2.3	16.5	14.6	2.8
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	25.0	*	36.4	28.2	*	54.5	32.0	*
Congestive Heart Failure	10	10.0	12.9	*	20.0	20.7	*	20.0	27.5	*
Pneumonia/Influenza	22	18.2	14.8	*	31.8	20.6	*	31.8	25.4	*
Chronic Obstructive Pulmonary Disease	4	25.0	6.7	*	25.0	11.5	*	25.0	15.6	*
Transient Cerebral Ischemia	7	14.3	2.3	*	14.3	5.0	*	14.3	8.0	*
Stroke	8	25.0	21.5	*	25.0	29.7	*	25.0	35.2	*
Hip Fracture	16	0.0	7.7	*	6.3	14.2	*	12.5	18.4	*
Sepsis	3	0.0	29.2	*	0.0	35.3	*	0.0	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	5.7	*	7.1	11.1	*	14.3	14.9	*
Open Reduction of Hip Fracture	7	0.0	6.3	*	0.0	12.2	*	0.0	16.1	*
Prostatectomy	9	0.0	0.9	*	0.0	1.9	*	0.0	3.0	*
Cholecystectomy	9	0.0	3.0	*	0.0	6.4	*	0.0	9.3	*
Hysterectomy	4	0.0	1.3	*	0.0	2.5	*	0.0	3.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LANGLADE COUNTY MEMORIAL HOSPITAL

112 E 5th Ave
Antigo, WI 54409

Medicare Provider Number: 520148

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	680	9.6	9.7	1.6	14.3	14.6	1.8	17.8	18.6	1.6
CONDITIONS:										
Acute Myocardial Infarction	32	34.4	30.9	*	40.6	34.5	*	40.6	38.3	*
Congestive Heart Failure	56	16.1	14.5	5.0	26.8	22.3	7.2	28.6	28.9	8.3
Pneumonia/Influenza	31	6.5	15.4	*	9.7	21.5	*	9.7	26.0	*
Chronic Obstructive Pulmonary Disease	22	9.1	5.7	*	18.2	10.6	*	22.7	14.9	*
Transient Cerebral Ischemia	7	14.3	1.9	*	14.3	4.2	*	14.3	6.7	*
Stroke	31	16.1	21.7	*	32.3	29.6	*	32.3	34.6	*
Hip Fracture	23	13.0	7.3	*	21.7	12.8	*	30.4	16.4	*
Sepsis	18	27.8	28.4	*	27.8	36.1	*	44.4	42.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	1.8	*	0.0	4.0	*	0.0	6.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	8.3	6.8	*	16.7	12.1	*	25.0	15.6	*
Open Reduction of Hip Fracture	10	20.0	6.8	*	30.0	12.7	*	40.0	16.7	*
Prostatectomy	39	0.0	0.9	*	5.1	2.2	*	5.1	3.7	*
Cholecystectomy	14	7.1	2.6	*	7.1	4.6	*	7.1	5.9	*
Hysterectomy	3	33.3	3.3	*	33.3	8.2	*	33.3	13.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	46
Occupancy Rate	63
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	39
Percent of Physicians Board Certified Specialists	92
Medical Residents/Interns	0
Registered Nurses	38
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LANGLADE COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 520148

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	628	9.1	9.9	1.9	12.9	14.8	2.2	17.0	18.6	2.4
CONDITIONS:										
Acute Myocardial Infarction	25	36.0	35.5	*	44.0	39.0	*	44.0	42.8	*
Congestive Heart Failure	46	23.9	17.5	*	34.8	26.8	*	37.0	34.3	*
Pneumonia/Influenza	25	12.0	18.1	*	16.0	24.2	*	28.0	28.8	*
Chronic Obstructive Pulmonary Disease	9	0.0	8.1	*	0.0	14.1	*	11.1	19.1	*
Transient Cerebral Ischemia	7	14.3	2.3	*	14.3	5.2	*	14.3	8.4	*
Stroke	24	12.5	18.7	*	12.5	24.5	*	16.7	28.8	*
Hip Fracture	16	6.3	9.3	*	6.3	17.0	*	12.5	21.9	*
Sepsis	11	18.2	22.0	*	27.3	28.4	*	27.3	33.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	16.1	*	25.0	21.9	*	25.0	26.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	11.1	6.0	*	11.1	10.9	*	11.1	14.1	*
Open Reduction of Hip Fracture	6	0.0	12.8	*	0.0	24.7	*	16.7	32.6	*
Prostatectomy	37	0.0	1.3	*	0.0	3.3	*	5.4	5.6	*
Cholecystectomy	19	0.0	2.6	*	0.0	4.4	*	0.0	5.5	*
Hysterectomy	5	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	662	9.8	10.2	1.3	13.9	14.8	1.9	16.9	18.6	1.9
CONDITIONS:										
Acute Myocardial Infarction	38	26.3	32.4	*	31.6	36.1	*	31.6	39.8	*
Congestive Heart Failure	41	9.8	16.3	*	12.2	24.7	*	22.0	31.7	*
Pneumonia/Influenza	29	10.3	15.9	*	10.3	21.7	*	17.2	26.4	*
Chronic Obstructive Pulmonary Disease	18	27.8	6.7	*	27.8	11.9	*	27.8	16.5	*
Transient Cerebral Ischemia	11	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke	32	15.6	20.4	*	34.4	26.8	*	43.8	31.3	*
Hip Fracture	9	11.1	11.1	*	22.2	18.6	*	22.2	23.1	*
Sepsis	16	18.8	24.6	*	31.3	31.7	*	31.3	37.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.8	*	0.0	5.6	*	0.0	7.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	11.4	*	28.6	19.6	*	28.6	24.5	*
Open Reduction of Hip Fracture	2	0.0	6.6	*	0.0	11.8	*	0.0	14.9	*
Prostatectomy	33	12.1	1.2	*	12.1	3.2	*	12.1	5.6	*
Cholecystectomy	22	4.5	3.2	*	4.5	5.2	*	4.5	6.3	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

LUTHER HOSPITAL

1221 Whipple St
Eau Claire, WI 54702

Medicare Provider Number: 520070

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,744	8.3	7.7	0.8	12.2	12.1	0.9	15.3	15.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	77	33.8	25.6	6.8	36.4	29.3	6.7	39.0	33.1	7.1
Congestive Heart Failure	62	12.9	13.7	4.6	24.2	21.8	5.7	30.6	28.6	8.1
Pneumonia/Influenza	66	4.5	14.3	6.1	12.1	19.6	6.5	12.1	24.0	7.6
Chronic Obstructive Pulmonary Disease	25	4.0	4.3	*	12.0	8.3	*	28.0	12.0	*
Transient Cerebral Ischemia	15	6.7	2.1	*	6.7	4.7	*	13.3	7.5	*
Stroke	54	22.2	22.3	6.1	27.8	28.5	6.2	29.6	33.0	7.3
Hip Fracture	55	3.6	6.3	5.5	5.5	11.5	9.0	9.1	15.0	10.1
Sepsis	20	30.0	26.3	*	35.0	35.4	*	45.0	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	0.0	1.9	*	5.0	4.0	*	10.0	6.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	58	1.7	2.3	2.1	3.4	4.4	3.3	3.4	6.0	3.9
Open Reduction of Hip Fracture	29	0.0	6.4	*	0.0	12.2	*	6.9	16.1	*
Prostatectomy	67	0.0	0.9	*	0.0	2.2	*	0.0	3.9	*
Cholecystectomy	29	3.4	2.0	*	3.4	3.4	*	3.4	4.3	*
Hysterectomy	18	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	208
Occupancy Rate	55
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	145
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	186
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

LUTHER HOSPITAL

Medicare Provider Number: 520070

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,768	9.5	8.4	1.0	13.4	13.0	1.0	16.8	16.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	65	27.7	25.9	5.6	29.2	29.5	5.7	30.8	33.1	6.4
Congestive Heart Failure	71	26.8	15.4	8.0	33.8	24.0	8.0	38.0	30.9	7.3
Pneumonia/Influenza	63	12.7	17.3	5.9	15.9	23.9	6.8	23.8	28.9	6.7
Chronic Obstructive Pulmonary Disease	8	12.5	5.6	*	12.5	9.1	*	12.5	12.8	*
Transient Cerebral Ischemia	15	0.0	2.3	*	0.0	5.1	*	6.7	8.2	*
Stroke	51	17.6	18.0	6.0	23.5	23.9	7.4	29.4	28.2	7.1
Hip Fracture	51	3.9	5.3	4.1	3.9	9.6	5.9	3.9	12.5	7.3
Sepsis	14	14.3	27.3	*	35.7	36.4	*	35.7	42.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	27	0.0	4.1	*	3.7	7.5	*	3.7	10.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	54	1.9	2.0	1.9	1.9	4.0	3.2	3.7	5.4	3.4
Open Reduction of Hip Fracture	30	3.3	4.8	*	3.3	9.1	*	3.3	12.1	*
Prostatectomy	55	0.0	1.0	1.7	0.0	2.4	3.2	1.8	4.0	3.4
Cholecystectomy	34	2.9	2.6	*	5.9	5.5	*	5.9	7.9	*
Hysterectomy	16	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,554	9.8	8.2	1.0	14.4	13.0	1.1	17.8	16.8	1.1
CONDITIONS:										
Acute Myocardial Infarction	52	28.8	26.9	7.4	32.7	30.7	7.1	34.6	34.6	6.8
Congestive Heart Failure	56	19.6	15.4	7.3	28.6	23.4	8.7	30.4	30.1	6.6
Pneumonia/Influenza	41	19.5	15.9	*	31.7	22.1	*	31.7	27.2	*
Chronic Obstructive Pulmonary Disease	32	12.5	7.4	*	21.9	12.6	*	25.0	17.0	*
Transient Cerebral Ischemia	16	0.0	2.0	*	0.0	3.9	*	6.3	5.9	*
Stroke	53	22.6	22.6	5.8	26.4	29.4	6.8	30.2	34.3	7.4
Hip Fracture	31	6.5	5.5	*	9.7	10.3	*	9.7	13.6	*
Sepsis	23	34.8	25.3	*	39.1	35.7	*	39.1	42.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	1.8	*	6.7	3.8	*	6.7	5.9	*
Carotid Endarterectomy	1	0.0	1.4	*	0.0	2.3	*	0.0	3.2	*
Hip Replacement/Reconstruction	46	2.2	2.9	*	2.2	5.2	*	2.2	7.0	*
Open Reduction of Hip Fracture	11	9.1	4.2	*	9.1	8.4	*	9.1	11.5	*
Prostatectomy	71	1.4	1.7	1.6	4.2	4.0	2.3	5.6	6.6	3.1
Cholecystectomy	30	0.0	2.0	*	6.7	3.8	*	10.0	5.1	*
Hysterectomy	11	0.0	0.5	*	0.0	0.9	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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LutherHospital

Medicare Provider #520070

January 9, 1991

Health Care Financing Administration
Health Care Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

ATTENTION: Mrs. Sandra Kappert

Thank you for the opportunity to respond to the Medicare Hospital Mortality Information. Luther Hospital has an active Quality Assurance Program utilizing an extensive number of medical care indicators. The information received from HCFA serves as indicators and will be reviewed within our Program.

We are concerned with HCFA's approach of assessing quality via mortality rates. Further concern is raised when deaths taking place months past the hospitalization are utilized in published reports. This being the case, the results of these studies cannot be taken as conclusive and absolute measures of quality. Rather, Luther Hospital will utilize the data as indicators which may lead to further study and, ultimately, changes that will lead to further improvement in care.

Until more thorough analysis of this information is performed, we cannot draw any conclusions regarding quality of care. We aknowledge HCFA's attempt at developing statistical indicators of quality, but are concerned with any attempts to draw conclusions regarding quality of care from the data. We reserve the right to evaluate additional data as it becomes available in order to make meaningful quality judgments.

Sincerely,

Douglas Trembath

Douglas R. Trembath
Chief Executive Officer

DRT:sl

Eau Claire's Community Hospital
1221 Whipple Street, P.O. Box 4105, Eau Claire, WI 54702-4105 (715) 839-3311
Member Voluntary Hospitals of America

MEMORIAL COMMUNITY HOSPITAL

313 Stoughton Road
Edgerton, WI 53534

Medicare Provider Number: 520031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	329	6.7	8.6	2.2	11.6	12.7	2.4	13.7	16.2	3.0
CONDITIONS:										
Acute Myocardial Infarction	16	18.8	20.5	*	25.0	23.2	*	25.0	26.3	*
Congestive Heart Failure	9	0.0	13.4	*	11.1	20.8	*	11.1	27.1	*
Pneumonia/Influenza	14	7.1	10.6	*	21.4	15.2	*	28.6	19.0	*
Chronic Obstructive Pulmonary Disease	6	16.7	7.1	*	16.7	11.9	*	33.3	16.3	*
Transient Cerebral Ischemia	4	0.0	2.9	*	0.0	6.8	*	0.0	11.3	*
Stroke	15	6.7	16.3	*	20.0	22.4	*	20.0	26.8	*
Hip Fracture	13	7.7	4.8	*	15.4	9.3	*	15.4	12.6	*
Sepsis	6	16.7	24.9	*	33.3	31.1	*	33.3	37.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	4.6	*	12.5	9.5	*	12.5	13.2	*
Open Reduction of Hip Fracture	3	33.3	3.5	*	33.3	6.4	*	33.3	8.6	*
Prostatectomy	4	0.0	0.5	*	0.0	1.1	*	0.0	2.1	*
Cholecystectomy	4	0.0	1.3	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy	1	0.0	6.7	*	0.0	13.0	*	0.0	18.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	99
Occupancy Rate	81
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	42
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	27
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL COMMUNITY HOSPITAL

Medicare Provider Number: 520031

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	300	10.7	9.2	2.2	14.3	13.5	2.2	18.0	16.9	2.3
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	25.7	*	26.7	30.5	*	33.3	34.3	*
Congestive Heart Failure	16	25.0	14.4	*	25.0	21.6	*	31.3	28.1	*
Pneumonia/Influenza	20	25.0	11.9	*	25.0	16.4	*	25.0	19.9	*
Chronic Obstructive Pulmonary Disease	7	14.3	8.2	*	28.6	14.1	*	42.9	19.6	*
Transient Cerebral Ischemia	5	0.0	2.8	*	0.0	6.3	*	0.0	10.1	*
Stroke	8	12.5	19.1	*	25.0	25.6	*	25.0	30.2	*
Hip Fracture	7	0.0	4.6	*	14.3	8.8	*	28.6	11.5	*
Sepsis	6	33.3	27.5	*	33.3	33.6	*	33.3	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.0	*	0.0	2.5	*	0.0	4.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	1.1	*	0.0	2.1	*	0.0	3.0	*
Open Reduction of Hip Fracture	1	0.0	6.2	*	0.0	10.9	*	0.0	13.8	*
Prostatectomy	9	0.0	0.6	*	11.1	1.4	*	11.1	2.3	*
Cholecystectomy	7	0.0	1.0	*	0.0	2.1	*	0.0	2.9	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	323	10.5	8.5	2.4	15.8	13.0	2.5	19.8	16.6	3.0
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	21.6	*	33.3	24.9	*	41.7	28.2	*
Congestive Heart Failure	11	0.0	14.1	*	18.2	21.4	*	18.2	28.1	*
Pneumonia/Influenza	16	25.0	14.4	*	25.0	19.8	*	31.3	24.2	*
Chronic Obstructive Pulmonary Disease	7	0.0	8.8	*	14.3	14.8	*	14.3	19.7	*
Transient Cerebral Ischemia	7	28.6	2.0	*	28.6	4.4	*	42.9	7.0	*
Stroke	10	0.0	20.3	*	10.0	27.5	*	10.0	32.8	*
Hip Fracture	9	11.1	4.9	*	11.1	8.8	*	11.1	11.6	*
Sepsis	6	33.3	25.2	*	33.3	32.2	*	33.3	38.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	1.9	*	0.0	3.5	*	0.0	4.7	*
Open Reduction of Hip Fracture	1	0.0	4.1	*	0.0	8.3	*	0.0	11.5	*
Prostatectomy	5	0.0	0.4	*	0.0	0.9	*	0.0	1.7	*
Cholecystectomy	8	0.0	1.2	*	0.0	2.3	*	0.0	3.2	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL HOSPITAL

252 McHenry Street
Burlington, WI 53105

Medicare Provider Number: 520059

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	896	11.2	10.2	1.2	15.6	15.1	1.7	18.0	18.9	1.5
CONDITIONS:										
Acute Myocardial Infarction	40	32.5	33.1	*	37.5	36.8	*	40.0	40.8	*
Congestive Heart Failure	48	18.8	14.3	*	20.8	21.9	*	27.1	28.4	*
Pneumonia/Influenza	42	16.7	16.9	*	28.6	23.2	*	33.3	28.0	*
Chronic Obstructive Pulmonary Disease	14	0.0	6.6	*	7.1	11.3	*	7.1	15.3	*
Transient Cerebral Ischemia	12	8.3	2.1	*	8.3	4.6	*	16.7	7.4	*
Stroke	33	33.3	21.2	*	39.4	27.7	*	39.4	32.5	*
Hip Fracture	33	12.1	6.7	*	15.2	11.9	*	15.2	15.4	*
Sepsis	14	21.4	25.1	*	21.4	31.5	*	21.4	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	8.7	*	0.0	13.6	*	0.0	16.6	*
Carotid Endarterectomy	7	0.0	2.0	*	0.0	3.9	*	0.0	5.6	*
Hip Replacement/Reconstruction	21	4.8	4.9	*	9.5	9.2	*	9.5	12.3	*
Open Reduction of Hip Fracture	15	20.0	6.3	*	20.0	11.6	*	20.0	15.1	*
Prostatectomy	35	0.0	0.9	*	0.0	2.2	*	2.9	3.7	*
Cholecystectomy	27	3.7	6.1	*	3.7	10.7	*	11.1	13.4	*
Hysterectomy	16	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	97
Occupancy Rate	44
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	51
Percent of Physicians Board Certified Specialists	57
Medical Residents/Interns	0
Registered Nurses	80
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL

Medicare Provider Number: 520059

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	856	9.1	9.5	1.3	14.0	14.2	1.3	18.3	17.9	1.6
CONDITIONS:										
Acute Myocardial Infarction	30	36.7	25.6	*	36.7	28.3	*	36.7	31.6	*
Congestive Heart Failure	55	7.3	15.5	8.6	21.8	23.8	8.1	27.3	30.7	7.8
Pneumonia/Influenza	42	26.2	17.6	*	31.0	23.7	*	33.3	28.5	*
Chronic Obstructive Pulmonary Disease	12	0.0	9.9	*	8.3	16.7	*	16.7	22.5	*
Transient Cerebral Ischemia	11	0.0	1.8	*	0.0	3.8	*	9.1	6.1	*
Stroke	32	25.0	19.3	*	31.3	25.1	*	34.4	29.6	*
Hip Fracture	43	7.0	6.7	*	14.0	12.0	*	25.6	15.4	*
Sepsis	11	27.3	32.1	*	27.3	38.9	*	27.3	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	33.3	7.1	*	33.3	11.6	*	50.0	16.5	*
Carotid Endarterectomy	10	0.0	1.9	*	0.0	3.7	*	0.0	5.3	*
Hip Replacement/Reconstruction	22	4.5	4.4	*	9.1	8.4	*	13.6	11.0	*
Open Reduction of Hip Fracture	23	8.7	6.0	*	8.7	11.1	*	21.7	14.3	*
Prostatectomy	28	0.0	1.4	*	7.1	3.5	*	7.1	5.9	*
Cholecystectomy	20	0.0	3.1	*	5.0	6.0	*	5.0	8.1	*
Hysterectomy	8	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	825	11.3	10.0	1.4	16.0	14.7	1.9	20.0	18.3	2.1
CONDITIONS:										
Acute Myocardial Infarction	33	45.5	31.0	*	48.5	34.3	*	48.5	38.0	*
Congestive Heart Failure	41	17.1	17.3	*	24.4	25.9	*	31.7	33.0	*
Pneumonia/Influenza	57	17.5	16.2	5.0	24.6	21.8	6.6	31.6	26.5	9.1
Chronic Obstructive Pulmonary Disease	9	11.1	10.8	*	33.3	16.3	*	33.3	21.1	*
Transient Cerebral Ischemia	9	0.0	2.0	*	0.0	4.3	*	0.0	6.7	*
Stroke	33	27.3	21.1	*	30.3	27.8	*	36.4	32.4	*
Hip Fracture	29	6.9	8.4	*	6.9	13.8	*	13.8	17.3	*
Sepsis	8	12.5	29.0	*	12.5	35.7	*	12.5	41.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	8.6	*	33.3	12.7	*	33.3	14.9	*
Carotid Endarterectomy	10	0.0	1.8	*	0.0	3.6	*	0.0	5.3	*
Hip Replacement/Reconstruction	21	0.0	5.3	*	0.0	9.3	*	4.8	11.9	*
Open Reduction of Hip Fracture	13	15.4	6.9	*	15.4	12.0	*	23.1	15.0	*
Prostatectomy	24	4.2	1.2	*	4.2	2.9	*	4.2	4.6	*
Cholecystectomy	18	0.0	3.2	*	5.6	5.8	*	5.6	7.3	*
Hysterectomy	15	6.7	1.1	*	13.3	2.3	*	13.3	3.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

437.1

Memorial Hospital
of Burlington

January 14, 1991

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Enclosed is Memorial Hospital's (Medicare Provider Number: 520059) response to the Health Care Financing Administration's mortality information report.

Sincerely,

Ann Staroszczyk jr
Ann Staroszczyk
Quality and Risk Manager

AS/jlr

Close To Home...Where You Need Us.

252 McHenry Street · Burlington, Wisconsin 53105-1828 · 414-763-2411

Memorial Hospital
of Burlington

The Health Care Financing Administration recently released its Medicare hospital mortality information to hospitals for inspection and comment before release to the media. As with all compiled and adjusted data--and especially with such data related to health care--interpretation must be done cautiously, for there are several individual variables that cannot be addressed in the numerical groupings. In several areas including transient cerebral ischemia, CHF, stroke, and hip fractures, the mortality rates appear high, however, patients in these groups tend to have multiple pre-existing medical problems that complicate their conditions and compromise their physical ability to cope with a medical crisis. At Memorial Hospital of Burlington individual patient cases are reviewed regularly as part of a very strong medical and hospital staff quality management function.

The quality of care that every patient receives is a serious issue at Memorial. It is constantly reviewed and evaluated. Patient and family wishes often play an important part in treatment patterns, as well as patient outcomes.

Memorial Hospital of Burlington welcomes the additional statistical data that the report provides and will use it as part of an on-going commitment to enhance the quality of service provided here.

HC530L/jlr

Close To Home...Where You Need Us.

252 McHenry Street · Burlington, Wisconsin 53105-1828 · 414-763-2411

MEMORIAL HOSPITAL

333 Reed Avenue
Manitowoc, WI 54220

Medicare Provider Number: 520081

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	709	9.6	8.2	1.3	13.3	12.6	1.3	16.1	16.2	1.4
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	24.7	*	38.1	28.3	*	42.9	31.8	*
Congestive Heart Failure	43	16.3	15.5	*	25.6	24.0	*	30.2	30.9	*
Pneumonia/Influenza	15	26.7	16.9	*	33.3	22.9	*	33.3	27.8	*
Chronic Obstructive Pulmonary Disease	9	11.1	7.3	*	11.1	12.6	*	11.1	17.4	*
Transient Cerebral Ischemia	12	0.0	2.0	*	8.3	4.4	*	8.3	7.2	*
Stroke	27	33.3	21.4	*	40.7	28.0	*	44.4	32.5	*
Hip Fracture	26	7.7	6.9	*	19.2	12.2	*	26.9	15.9	*
Sepsis	10	20.0	24.1	*	30.0	32.2	*	30.0	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.1	*	0.0	6.5	*	0.0	9.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	29	6.9	2.7	*	13.8	5.0	*	17.2	6.6	*
Open Reduction of Hip Fracture	14	0.0	6.6	*	7.1	12.2	*	14.3	16.0	*
Prostatectomy	23	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy	17	11.8	2.9	*	11.8	5.0	*	11.8	6.4	*
Hysterectomy	9	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	58
Occupancy Rate	47
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	56
Percent of Physicians Board Certified Specialists	57
Medical Residents/Interns	0
Registered Nurses	33
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL

Medicare Provider Number: 520081

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	704	7.8	7.7	1.1	11.8	11.8	1.6	13.8	15.0	2.3
CONDITIONS:										
Acute Myocardial Infarction	20	45.0	28.9	*	45.0	31.9	*	50.0	35.3	*
Congestive Heart Failure	25	20.0	14.9	*	24.0	22.2	*	28.0	28.7	*
Pneumonia/Influenza	20	25.0	20.4	*	30.0	26.9	*	35.0	32.0	*
Chronic Obstructive Pulmonary Disease	12	0.0	4.5	*	0.0	8.2	*	0.0	11.8	*
Transient Cerebral Ischemia	12	0.0	2.9	*	0.0	6.8	*	8.3	11.0	*
Stroke	23	4.3	18.7	*	17.4	25.6	*	17.4	30.2	*
Hip Fracture	12	0.0	7.7	*	0.0	13.3	*	0.0	16.5	*
Sepsis	6	33.3	20.7	*	33.3	26.4	*	33.3	31.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.0	*	0.0	7.8	*	0.0	13.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	23	0.0	1.4	*	0.0	2.7	*	0.0	3.7	*
Open Reduction of Hip Fracture	8	0.0	7.6	*	0.0	13.3	*	0.0	16.5	*
Prostatectomy	31	0.0	0.5	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy	13	7.7	4.7	*	7.7	8.8	*	23.1	11.4	*
Hysterectomy	8	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	730	8.4	8.1	1.6	12.6	12.5	1.9	16.6	16.0	1.5
CONDITIONS:										
Acute Myocardial Infarction	19	42.1	32.0	*	47.4	35.3	*	47.4	38.7	*
Congestive Heart Failure	35	11.4	16.3	*	22.9	24.5	*	37.1	31.4	*
Pneumonia/Influenza	15	13.3	18.8	*	20.0	25.3	*	20.0	30.4	*
Chronic Obstructive Pulmonary Disease	12	16.7	13.0	*	16.7	21.8	*	16.7	28.1	*
Transient Cerebral Ischemia	10	0.0	1.6	*	0.0	3.4	*	0.0	5.4	*
Stroke	29	24.1	19.0	*	31.0	26.3	*	34.5	30.7	*
Hip Fracture	13	0.0	5.9	*	15.4	10.9	*	15.4	14.1	*
Sepsis	15	26.7	30.0	*	33.3	38.7	*	60.0	46.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.1	*	0.0	5.8	*	0.0	8.4	*
Carotid Endarterectomy	6	0.0	1.4	*	0.0	2.7	*	0.0	3.8	*
Hip Replacement/Reconstruction	19	0.0	2.1	*	5.3	4.1	*	5.3	5.7	*
Open Reduction of Hip Fracture	7	0.0	4.8	*	0.0	9.1	*	0.0	12.0	*
Prostatectomy	30	0.0	0.9	*	0.0	2.1	*	3.3	3.5	*
Cholecystectomy	22	4.5	4.2	*	4.5	7.1	*	4.5	8.8	*
Hysterectomy	6	0.0	1.7	*	16.7	3.7	*	16.7	5.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL HOSPITAL - LAFAYETTE COUNTY

800 Clay St
Darlington, WI 53530

Medicare Provider Number: 520110

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	209	14.4	7.6	2.9	19.6	11.7	3.6	21.1	15.2	3.2
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	34.7	*	40.0	40.4	*	60.0	45.0	*
Congestive Heart Failure	16	6.3	12.4	*	18.8	19.1	*	18.8	25.2	*
Pneumonia/Influenza	8	50.0	17.1	*	50.0	23.4	*	50.0	28.7	*
Chronic Obstructive Pulmonary Disease	6	0.0	5.5	*	16.7	10.2	*	16.7	14.5	*
Transient Cerebral Ischemia	2	0.0	1.3	*	0.0	2.9	*	50.0	4.6	*
Stroke	5	40.0	22.8	*	40.0	33.2	*	40.0	39.2	*
Hip Fracture	7	42.9	4.6	*	42.9	9.0	*	42.9	12.2	*
Sepsis	3	66.7	28.5	*	66.7	35.2	*	66.7	39.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	2.9	*	12.5	5.6	*	12.5	7.6	*
Open Reduction of Hip Fracture	1	100.0	3.7	*	100.0	7.2	*	100.0	9.7	*
Prostatectomy	6	0.0	0.3	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy	2	0.0	3.4	*	0.0	6.1	*	0.0	7.6	*
Hysterectomy	2	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	28
Occupancy Rate	25
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL - LAFAYETTE COUNTY

Medicare Provider Number: 520110

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	185	14.6	7.8	3.0	18.4	12.1	3.0	23.2	15.7	3.5
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	28.0	*	42.9	32.3	*	57.1	36.1	*
Congestive Heart Failure	11	36.4	14.0	*	36.4	21.2	*	36.4	27.4	*
Pneumonia/Influenza	17	11.8	13.3	*	11.8	19.1	*	17.6	23.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.4	*	0.0	7.4	*	0.0	11.0	*
Transient Cerebral Ischemia	3	0.0	2.2	*	33.3	4.8	*	33.3	7.6	*
Stroke	4	25.0	17.1	*	25.0	23.4	*	25.0	27.8	*
Hip Fracture	6	33.3	4.0	*	50.0	7.9	*	50.0	10.8	*
Sepsis	2	50.0	16.8	*	50.0	22.5	*	50.0	27.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	3.1	*	16.7	6.5	*	16.7	9.2	*
Open Reduction of Hip Fracture	1	0.0	3.1	*	0.0	6.1	*	0.0	8.3	*
Prostatectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.8	*
Cholecystectomy	2	0.0	2.9	*	0.0	5.0	*	0.0	5.9	*
Hysterectomy	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	225	12.0	9.2	2.8	19.6	13.9	3.4	22.7	17.7	3.3
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	37.0	*	30.0	42.0	*	30.0	46.4	*
Congestive Heart Failure	15	20.0	14.8	*	26.7	22.6	*	33.3	29.1	*
Pneumonia/Influenza	7	14.3	21.8	*	28.6	29.7	*	28.6	35.6	*
Chronic Obstructive Pulmonary Disease	7	0.0	6.4	*	0.0	12.1	*	14.3	16.9	*
Transient Cerebral Ischemia	4	0.0	2.1	*	0.0	4.4	*	0.0	7.0	*
Stroke	15	40.0	18.6	*	46.7	23.8	*	46.7	28.3	*
Hip Fracture	11	0.0	5.1	*	9.1	10.3	*	9.1	14.1	*
Sepsis	2	0.0	17.2	*	0.0	22.8	*	0.0	27.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	2.6	*	0.0	5.5	*	0.0	7.8	*
Open Reduction of Hip Fracture	6	0.0	4.5	*	16.7	9.4	*	16.7	13.2	*
Prostatectomy	4	0.0	1.5	*	25.0	3.7	*	25.0	6.1	*
Cholecystectomy	4	25.0	3.4	*	25.0	6.1	*	25.0	8.1	*
Hysterectomy	3	0.0	0.2	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Memorial Hospital of Lafayette County

800 Clay Street
Darlington, WI 53530
(608)776-4466

January 10, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert,

Thank you for the opportunity to report on the Medicare Analysis of Hospital Mortality Rates: 1990. Members of the hospital medical staff and administration have analyzed the sample data pertaining to our hospital. We concur with research investigators from Mayo Clinic and other major medical care institutions that the methodology requires further refinement in order to be useful in determining quality of care.

It appears that the selection of patients admitted to hospitals in different areas of the country varies and influences to a great extent the research findings.

Sincerely,

Don Easley

Don Easley
Administrator

DBE/jo

"the Personal Touch in comprehensive health care"

MEMORIAL HOSPITAL AT OCONOMOWOC

791 East Summit Avenue
Oconomowoc, WI 53066

Medicare Provider Number: 520062

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	818	10.4	8.7	1.4	15.0	13.1	1.4	18.3	16.7	1.4
CONDITIONS:										
Acute Myocardial Infarction	23	43.5	32.4	*	43.5	35.5	*	43.5	38.9	*
Congestive Heart Failure	56	28.6	15.2	7.9	39.3	23.1	9.1	48.2	29.6	9.3
Pneumonia/Influenza	20	10.0	15.4	*	15.0	20.8	*	15.0	25.1	*
Chronic Obstructive Pulmonary Disease	17	11.8	8.2	*	23.5	13.6	*	23.5	18.5	*
Transient Cerebral Ischemia	15	0.0	1.7	*	6.7	3.8	*	13.3	6.0	*
Stroke	41	26.8	23.0	*	29.3	29.9	*	29.3	34.5	*
Hip Fracture	30	20.0	7.2	*	23.3	12.9	*	26.7	16.7	*
Sepsis	5	40.0	32.6	*	60.0	40.2	*	60.0	46.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	4.0	*	0.0	7.8	*	0.0	11.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	0.0	3.1	*	5.6	5.8	*	11.1	7.7	*
Open Reduction of Hip Fracture	19	26.3	6.8	*	26.3	12.5	*	26.3	16.2	*
Prostatectomy	25	0.0	0.5	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	23	4.3	2.1	*	8.7	3.9	*	8.7	5.4	*
Hysterectomy	9	11.1	0.9	*	11.1	2.1	*	11.1	3.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	82
Occupancy Rate	45
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	57
Percent of Physicians Board Certified Specialists	89
Medical Residents/Interns	0
Registered Nurses	82
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL AT OCONOMOWOC

Medicare Provider Number: 520062

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	862	11.1	9.7	1.6	15.1	14.2	1.8	18.8	17.9	1.7
CONDITIONS:										
Acute Myocardial Infarction	30	50.0	37.4	*	53.3	41.1	*	53.3	45.1	*
Congestive Heart Failure	63	15.9	17.4	5.7	25.4	25.9	7.0	30.2	32.8	6.2
Pneumonia/Influenza	28	25.0	20.0	*	32.1	27.2	*	32.1	32.5	*
Chronic Obstructive Pulmonary Disease	20	20.0	9.8	*	25.0	15.8	*	30.0	20.5	*
Transient Cerebral Ischemia	11	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Stroke	38	31.6	21.5	*	34.2	28.1	*	36.8	32.5	*
Hip Fracture	37	5.4	7.3	*	8.1	13.2	*	13.5	16.7	*
Sepsis	13	15.4	28.3	*	23.1	36.0	*	23.1	42.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	14.0	*	22.2	17.6	*	33.3	20.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	24	4.2	4.0	*	8.3	7.4	*	16.7	9.6	*
Open Reduction of Hip Fracture	23	4.3	6.8	*	4.3	12.7	*	8.7	16.6	*
Prostatectomy	30	0.0	0.9	*	0.0	2.2	*	3.3	3.7	*
Cholecystectomy	23	4.3	2.9	*	4.3	4.8	*	8.7	6.2	*
Hysterectomy	9	0.0	2.0	*	0.0	3.9	*	0.0	5.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	822	10.2	9.9	1.1	15.1	14.9	1.3	19.5	18.9	1.8
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	37.1	*	30.4	40.2	*	43.5	43.8	*
Congestive Heart Failure	46	10.9	17.1	*	26.1	25.5	*	34.8	32.5	*
Pneumonia/Influenza	26	23.1	17.9	*	23.1	24.2	*	26.9	29.1	*
Chronic Obstructive Pulmonary Disease	19	10.5	14.0	*	21.1	21.8	*	26.3	27.4	*
Transient Cerebral Ischemia	16	0.0	2.1	*	0.0	4.5	*	6.3	7.3	*
Stroke	36	22.2	23.7	*	33.3	30.9	*	36.1	35.9	*
Hip Fracture	27	14.8	7.8	*	22.2	14.1	*	25.9	18.2	*
Sepsis	9	11.1	20.8	*	22.2	26.1	*	33.3	31.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	10.2	*	33.3	12.8	*	33.3	15.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	0.0	2.6	*	0.0	4.8	*	0.0	6.4	*
Open Reduction of Hip Fracture	15	20.0	8.1	*	33.3	15.5	*	40.0	20.5	*
Prostatectomy	43	0.0	1.1	*	9.3	2.7	*	9.3	4.6	*
Cholecystectomy	15	6.7	2.5	*	13.3	4.8	*	13.3	6.4	*
Hysterectomy	7	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL HOSPITAL INC

216 Sunset Place
Neillsville, WI 54456

Medicare Provider Number: 520054

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	275	8.7	11.2	2.2	12.7	17.2	3.3	16.7	21.9	3.5
CONDITIONS:										
Acute Myocardial Infarction	10	60.0	27.4	*	60.0	31.1	*	60.0	35.1	*
Congestive Heart Failure	13	23.1	17.9	*	30.8	27.2	*	38.5	34.6	*
Pneumonia/Influenza	23	13.0	22.3	*	17.4	29.3	*	21.7	34.6	*
Chronic Obstructive Pulmonary Disease	7	14.3	9.1	*	14.3	15.3	*	14.3	20.9	*
Transient Cerebral Ischemia	14	0.0	2.5	*	0.0	5.8	*	7.1	9.4	*
Stroke	13	15.4	18.2	*	30.8	25.0	*	38.5	29.3	*
Hip Fracture	5	0.0	4.1	*	0.0	7.9	*	0.0	10.7	*
Sepsis	7	14.3	26.2	*	14.3	37.0	*	28.6	44.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	5	0.0	3.6	*	0.0	7.2	*	0.0	9.9	*
Prostatectomy	5	0.0	1.1	*	0.0	2.9	*	0.0	5.4	*
Cholecystectomy	3	0.0	1.2	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	1	0.0	0.3	*	0.0	0.9	*	100.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	216
Occupancy Rate	82
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	33
Medical Residents/Interns	0
Registered Nurses	16
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL INC

Medicare Provider Number: 520054

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	342	18.1	13.0	4.4	24.0	19.2	4.0	26.0	23.9	3.7
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	23.6	*	36.4	26.7	*	36.4	30.2	*
Congestive Heart Failure	7	0.0	18.2	*	42.9	27.3	*	42.9	34.1	*
Pneumonia/Influenza	26	23.1	25.6	*	30.8	33.5	*	34.6	39.1	*
Chronic Obstructive Pulmonary Disease	10	0.0	8.2	*	10.0	14.0	*	10.0	18.8	*
Transient Cerebral Ischemia	14	0.0	1.8	*	0.0	3.8	*	0.0	5.9	*
Stroke	17	41.2	26.5	*	58.8	34.4	*	58.8	39.8	*
Hip Fracture	8	25.0	5.7	*	37.5	10.9	*	50.0	14.4	*
Sepsis	11	27.3	27.0	*	27.3	36.9	*	27.3	44.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	9.5	*	0.0	25.1	*	0.0	42.5	*
Carotid Endarterectomy	2	0.0	1.9	*	0.0	4.1	*	0.0	6.6	*
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	8	25.0	4.9	*	37.5	9.8	*	50.0	13.3	*
Prostatectomy	3	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*
Cholecystectomy	1	0.0	3.3	*	0.0	4.9	*	0.0	5.8	*
Hysterectomy	3	0.0	0.7	*	0.0	1.7	*	0.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	292	13.7	12.4	2.7	18.5	18.2	2.5	22.3	22.7	2.6
CONDITIONS:										
Acute Myocardial Infarction	10	40.0	33.8	*	60.0	38.5	*	60.0	42.3	*
Congestive Heart Failure	7	0.0	14.2	*	0.0	21.0	*	0.0	26.9	*
Pneumonia/Influenza	19	26.3	20.9	*	26.3	28.1	*	31.6	33.7	*
Chronic Obstructive Pulmonary Disease	5	0.0	10.7	*	40.0	18.7	*	40.0	24.9	*
Transient Cerebral Ischemia	5	0.0	1.8	*	0.0	3.8	*	0.0	6.0	*
Stroke	16	37.5	28.9	*	43.8	37.4	*	43.8	43.2	*
Hip Fracture	10	10.0	7.8	*	20.0	14.5	*	20.0	19.0	*
Sepsis	4	0.0	25.1	*	0.0	31.5	*	0.0	37.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	9	11.1	7.0	*	22.2	13.7	*	22.2	18.5	*
Prostatectomy	2	0.0	0.3	*	0.0	0.7	*	0.0	1.3	*
Cholecystectomy	3	0.0	7.3	*	33.3	11.1	*	33.3	13.3	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL HOSPITAL OF BOSCOBEL

205 Parker St
Boscobel, WI 53805

Medicare Provider Number: 520114

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	261	13.0	10.6	2.5	17.6	15.3	3.0	19.2	19.0	3.0
CONDITIONS:										
Acute Myocardial Infarction	16	50.0	33.7	*	62.5	38.9	*	62.5	43.3	*
Congestive Heart Failure	10	10.0	14.3	*	10.0	21.5	*	10.0	27.9	*
Pneumonia/Influenza	14	21.4	16.4	*	35.7	22.1	*	35.7	26.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	15.9	*	0.0	22.4	*	0.0	28.2	*
Transient Cerebral Ischemia	5	0.0	1.8	*	0.0	3.8	*	0.0	6.0	*
Stroke	12	25.0	21.3	*	33.3	27.4	*	41.7	31.6	*
Hip Fracture	11	9.1	9.0	*	9.1	15.8	*	18.2	20.1	*
Sepsis	2	0.0	26.1	*	0.0	33.4	*	50.0	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	6.9	*	0.0	13.1	*	0.0	19.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	9.1	*	25.0	15.7	*	25.0	19.8	*
Open Reduction of Hip Fracture	7	0.0	7.6	*	0.0	14.3	*	14.3	18.9	*
Prostatectomy	7	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy	5	0.0	1.2	*	0.0	1.9	*	0.0	2.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	122
Occupancy Rate	72
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	30
Percent of Physicians Board Certified Specialists	57
Medical Residents/Interns	(Not Available)
Registered Nurses	4
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL OF BOSCOBEL

Medicare Provider Number: 520114

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	232	9.1	10.1	2.2	12.5	14.6	3.3	15.1	18.1	3.9
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	34.6	*	33.3	38.7	*	33.3	42.4	*
Congestive Heart Failure	14	7.1	19.0	*	28.6	28.0	*	35.7	35.2	*
Pneumonia/Influenza	17	29.4	21.5	*	35.3	28.7	*	41.2	34.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	6.5	*	0.0	11.2	*	0.0	15.6	*
Transient Cerebral Ischemia	0									
Stroke	12	16.7	27.1	*	25.0	34.9	*	33.3	39.7	*
Hip Fracture	9	22.2	9.0	*	33.3	16.8	*	33.3	21.5	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	28.6	9.6	*	42.9	18.7	*	42.9	24.3	*
Open Reduction of Hip Fracture	2	0.0	4.1	*	0.0	7.6	*	0.0	10.1	*
Prostatectomy	10	0.0	0.9	*	0.0	2.2	*	0.0	4.0	*
Cholecystectomy	9	0.0	3.6	*	0.0	5.1	*	0.0	6.2	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	236	13.1	9.9	2.7	17.4	14.7	2.8	20.3	18.6	2.7
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	24.9	*	45.5	27.2	*	45.5	29.9	*
Congestive Heart Failure	17	23.5	18.5	*	35.3	27.2	*	47.1	34.3	*
Pneumonia/Influenza	9	33.3	16.6	*	33.3	21.9	*	33.3	26.4	*
Chronic Obstructive Pulmonary Disease	2	0.0	5.0	*	0.0	8.6	*	0.0	12.3	*
Transient Cerebral Ischemia	2	0.0	2.3	*	0.0	4.7	*	0.0	7.5	*
Stroke	7	28.6	16.4	*	28.6	22.8	*	28.6	27.1	*
Hip Fracture	9	11.1	5.9	*	11.1	11.2	*	44.4	15.2	*
Sepsis	4	25.0	27.8	*	50.0	35.0	*	50.0	41.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	6.6	*	0.0	13.3	*	75.0	18.4	*
Open Reduction of Hip Fracture	3	33.3	5.9	*	33.3	11.1	*	33.3	14.7	*
Prostatectomy	5	0.0	0.7	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy	6	0.0	1.9	*	0.0	3.1	*	0.0	3.9	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

MEMORIAL HOSPITAL OF IOWA COUNTY INC

825 South Iowa Street
Dodgeville, WI 53533

Medicare Provider Number: 520032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	299	11.0	9.4	2.9	17.7	14.2	3.3	20.7	18.0	4.0
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	31.6	*	36.4	35.4	*	36.4	39.4	*
Congestive Heart Failure	17	11.8	14.2	*	23.5	21.7	*	29.4	28.1	*
Pneumonia/Influenza	15	20.0	14.7	*	26.7	20.5	*	26.7	24.9	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.2	*	0.0	6.1	*	0.0	8.7	*
Transient Cerebral Ischemia	2	0.0	0.9	*	0.0	2.1	*	0.0	3.6	*
Stroke	11	9.1	17.7	*	27.3	23.3	*	36.4	27.2	*
Hip Fracture	14	7.1	5.9	*	7.1	10.5	*	14.3	13.8	*
Sepsis	2	0.0	32.5	*	0.0	38.1	*	0.0	43.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	3.8	*	14.3	7.1	*	14.3	9.6	*
Open Reduction of Hip Fracture	8	0.0	6.1	*	0.0	11.1	*	12.5	14.5	*
Prostatectomy	14	0.0	0.6	*	0.0	1.4	*	7.1	2.4	*
Cholecystectomy	10	0.0	1.9	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy	4	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	83
Occupancy Rate	63
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	64
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL OF IOWA COUNTY INC

Medicare Provider Number: 520032

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	336	9.8	9.7	1.9	13.7	14.7	2.1	17.6	18.5	2.2
CONDITIONS:										
Acute Myocardial Infarction	10	40.0	33.2	*	40.0	38.1	*	40.0	42.1	*
Congestive Heart Failure	22	18.2	17.4	*	22.7	26.5	*	31.8	33.7	*
Pneumonia/Influenza	34	8.8	13.5	*	8.8	18.8	*	11.8	22.9	*
Chronic Obstructive Pulmonary Disease	6	16.7	9.6	*	16.7	15.8	*	16.7	21.7	*
Transient Cerebral Ischemia	6	0.0	2.4	*	0.0	5.8	*	16.7	9.3	*
Stroke	20	40.0	20.9	*	45.0	28.2	*	45.0	32.9	*
Hip Fracture	18	0.0	5.9	*	0.0	10.6	*	0.0	13.6	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	0.0	5.0	*	0.0	9.5	*	0.0	12.4	*
Open Reduction of Hip Fracture	6	0.0	5.4	*	0.0	10.2	*	0.0	13.3	*
Prostatectomy	9	0.0	1.2	*	0.0	2.9	*	0.0	4.7	*
Cholecystectomy	6	0.0	3.5	*	0.0	7.0	*	0.0	9.7	*
Hysterectomy	1	0.0	0.8	*	0.0	1.3	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	345	9.6	10.0	1.7	15.1	14.8	1.9	19.1	18.5	2.3
CONDITIONS:										
Acute Myocardial Infarction	13	38.5	29.8	*	53.8	34.0	*	53.8	37.6	*
Congestive Heart Failure	21	19.0	18.6	*	19.0	28.0	*	28.6	35.3	*
Pneumonia/Influenza	23	21.7	15.1	*	26.1	21.1	*	30.4	26.0	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.3	*	0.0	11.5	*	0.0	14.9	*
Transient Cerebral Ischemia	4	0.0	1.2	*	0.0	2.7	*	0.0	4.3	*
Stroke	18	5.6	17.6	*	5.6	24.5	*	11.1	28.8	*
Hip Fracture	13	7.7	9.2	*	23.1	16.9	*	46.2	21.9	*
Sepsis	2	0.0	23.2	*	0.0	30.3	*	0.0	36.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	6.0	*	0.0	11.0	*	16.7	14.1	*
Open Reduction of Hip Fracture	6	16.7	10.2	*	50.0	20.1	*	66.7	27.1	*
Prostatectomy	12	0.0	0.5	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy	9	11.1	5.6	*	11.1	10.0	*	11.1	12.2	*
Hysterectomy	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL HOSPITAL OF TAYLOR COUNTY INC

135 South Gibson Street
Medford, WI 54451

Medicare Provider Number: 520006

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	365	7.9	10.4	1.8	11.2	14.8	2.2	15.3	18.5	2.3
CONDITIONS:										
Acute Myocardial Infarction	30	26.7	28.3	*	30.0	31.7	*	33.3	35.2	*
Congestive Heart Failure	28	7.1	15.5	*	14.3	22.7	*	17.9	29.1	*
Pneumonia/Influenza	27	7.4	16.8	*	7.4	22.9	*	7.4	27.3	*
Chronic Obstructive Pulmonary Disease	3	0.0	6.9	*	0.0	11.2	*	33.3	15.3	*
Transient Cerebral Ischemia	9	0.0	1.8	*	0.0	4.0	*	0.0	6.4	*
Stroke	14	7.1	18.1	*	7.1	25.7	*	7.1	30.3	*
Hip Fracture	0									
Sepsis	6	16.7	27.5	*	33.3	36.0	*	50.0	43.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	20	10.0	0.8	*	10.0	2.1	*	15.0	3.6	*
Cholecystectomy	13	0.0	1.0	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	160
Occupancy Rate	77
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	53
Medical Residents/Interns	0
Registered Nurses	25
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL HOSPITAL OF TAYLOR COUNTY INC

Medicare Provider Number: 520006

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	396	7.8	9.9	2.0	12.9	14.5	2.6	15.4	18.4	3.2
CONDITIONS:										
Acute Myocardial Infarction	26	15.4	30.0	*	19.2	32.9	*	19.2	36.2	*
Congestive Heart Failure	25	8.0	17.5	*	24.0	26.1	*	36.0	33.4	*
Pneumonia/Influenza	21	14.3	18.9	*	23.8	25.1	*	23.8	29.6	*
Chronic Obstructive Pulmonary Disease	5	20.0	18.0	*	20.0	27.8	*	20.0	33.8	*
Transient Cerebral Ischemia	7	0.0	3.1	*	14.3	7.4	*	14.3	12.2	*
Stroke	14	14.3	20.9	*	14.3	27.9	*	14.3	32.6	*
Hip Fracture	0									
Sepsis	10	0.0	22.1	*	10.0	27.9	*	10.0	33.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	4.4	*	0.0	7.5	*	0.0	10.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	35	0.0	1.1	*	2.9	2.7	*	2.9	4.6	*
Cholecystectomy	9	0.0	1.5	*	0.0	2.6	*	0.0	3.5	*
Hysterectomy	5	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	367	6.8	8.7	2.1	10.6	12.9	2.8	13.9	16.4	3.2
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	33.1	*	35.7	36.0	*	35.7	39.2	*
Congestive Heart Failure	16	18.8	15.8	*	25.0	23.2	*	25.0	29.7	*
Pneumonia/Influenza	22	9.1	15.6	*	18.2	20.8	*	18.2	25.3	*
Chronic Obstructive Pulmonary Disease	3	33.3	8.6	*	33.3	15.4	*	33.3	20.7	*
Transient Cerebral Ischemia	12	0.0	2.1	*	0.0	4.6	*	8.3	7.4	*
Stroke	14	7.1	18.6	*	7.1	26.8	*	21.4	31.7	*
Hip Fracture	0									
Sepsis	4	0.0	19.1	*	0.0	26.9	*	25.0	32.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.2	*	0.0	5.0	*	0.0	7.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	26	0.0	1.3	*	7.7	3.4	*	7.7	5.9	*
Cholecystectomy	12	0.0	1.4	*	0.0	2.4	*	0.0	3.1	*
Hysterectomy	2	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MEMORIAL MEDICAL CENTER INC

1615 Maple Lane
Ashland, WI 54806

Medicare Provider Number: 520173

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,294	7.5	8.3	0.8	11.4	12.6	1.0	14.3	16.3	1.3
CONDITIONS:										
Acute Myocardial Infarction	49	32.7	31.2	*	34.7	34.5	*	36.7	38.4	*
Congestive Heart Failure	52	11.5	14.6	5.8	25.0	22.7	6.1	32.7	29.4	7.2
Pneumonia/Influenza	57	10.5	17.5	9.7	19.3	24.0	8.2	24.6	29.2	8.6
Chronic Obstructive Pulmonary Disease	13	23.1	8.1	*	30.8	15.0	*	38.5	21.6	*
Transient Cerebral Ischemia	18	0.0	1.5	*	0.0	3.1	*	0.0	4.9	*
Stroke	39	17.9	17.7	*	20.5	22.9	*	23.1	27.1	*
Hip Fracture	41	7.3	6.5	*	9.8	11.6	*	9.8	15.0	*
Sepsis	10	20.0	39.4	*	30.0	46.8	*	50.0	54.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	2.2	*	14.3	4.8	*	14.3	7.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	5.6	2.8	*	5.6	4.9	*	5.6	6.4	*
Open Reduction of Hip Fracture	29	6.9	6.0	*	6.9	11.3	*	6.9	15.0	*
Prostatectomy	139	0.0	0.8	1.0	0.0	1.8	1.8	1.4	3.1	2.0
Cholecystectomy	14	0.0	1.8	*	0.0	3.2	*	0.0	4.1	*
Hysterectomy	11	0.0	1.8	*	0.0	3.7	*	0.0	5.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	161
Occupancy Rate	48
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	36
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	112
Licensed Practical Nurses	37

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MEMORIAL MEDICAL CENTER INC

Medicare Provider Number: 520173

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,363	7.3	8.3	0.9	11.8	12.7	1.2	14.3	16.4	1.6
CONDITIONS:										
Acute Myocardial Infarction	36	19.4	32.1	*	25.0	35.7	*	25.0	39.9	*
Congestive Heart Failure	78	19.2	17.7	5.0	28.2	26.6	5.5	37.2	33.7	7.8
Pneumonia/Influenza	65	10.8	17.7	5.4	15.4	23.9	6.9	15.4	28.8	7.8
Chronic Obstructive Pulmonary Disease	13	7.7	5.5	*	7.7	10.6	*	7.7	15.2	*
Transient Cerebral Ischemia	16	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke	39	28.2	21.6	*	35.9	26.9	*	38.5	31.4	*
Hip Fracture	32	6.3	6.2	*	6.3	11.5	*	6.3	14.9	*
Sepsis	18	27.8	30.4	*	33.3	37.1	*	33.3	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	14.3	6.3	*	14.3	9.9	*	14.3	13.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	4.0	2.9	*	4.0	5.5	*	4.0	7.4	*
Open Reduction of Hip Fracture	19	5.3	5.3	*	5.3	10.3	*	5.3	13.8	*
Prostatectomy	165	2.4	1.2	1.3	6.1	3.0	2.2	8.5	4.9	2.7
Cholecystectomy	18	0.0	1.9	*	0.0	3.5	*	0.0	4.7	*
Hysterectomy	9	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,257	8.5	8.7	1.1	13.5	13.2	1.0	17.1	17.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	35	22.9	32.7	*	25.7	36.4	*	28.6	40.8	*
Congestive Heart Failure	54	16.7	15.4	5.3	25.9	23.2	7.4	37.0	29.8	8.2
Pneumonia/Influenza	52	9.6	17.0	7.3	19.2	23.1	6.5	26.9	28.3	6.4
Chronic Obstructive Pulmonary Disease	16	18.8	11.8	*	31.3	20.2	*	31.3	26.9	*
Transient Cerebral Ischemia	14	7.1	2.0	*	7.1	4.2	*	7.1	6.6	*
Stroke	32	37.5	25.7	*	46.9	32.1	*	46.9	37.0	*
Hip Fracture	43	7.0	6.3	*	11.6	11.6	*	18.6	15.6	*
Sepsis	12	25.0	36.5	*	58.3	43.7	*	58.3	50.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	20.0	7.0	*	30.0	11.7	*	30.0	15.9	*
Carotid Endarterectomy	1	100.0	1.4	*	100.0	2.6	*	100.0	3.9	*
Hip Replacement/Reconstruction	28	3.6	3.6	*	7.1	6.5	*	7.1	8.5	*
Open Reduction of Hip Fracture	20	5.0	5.4	*	10.0	10.9	*	20.0	15.1	*
Prostatectomy	117	0.0	1.1	2.1	2.6	2.7	3.0	6.8	4.7	3.6
Cholecystectomy	23	0.0	3.1	*	0.0	5.5	*	0.0	7.1	*
Hysterectomy	11	0.0	0.5	*	0.0	1.2	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MERCY HOSPITAL OF JANESVILLE

1000 Mineral Point Avenue
Janesville, WI 53545

Medicare Provider Number: 520066

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,826	8.5	8.0	0.9	12.5	12.4	1.1	15.5	15.8	0.9
CONDITIONS:										
Acute Myocardial Infarction	54	27.8	28.9	8.6	42.6	32.7	9.6	44.4	36.4	9.6
Congestive Heart Failure	74	14.9	14.8	4.5	20.3	23.0	5.7	29.7	29.9	5.5
Pneumonia/Influenza	68	20.6	15.4	5.1	32.4	21.1	7.4	38.2	25.6	8.6
Chronic Obstructive Pulmonary Disease	26	7.7	6.1	*	7.7	10.8	*	15.4	15.0	*
Transient Cerebral Ischemia	29	3.4	2.1	*	6.9	4.9	*	6.9	8.0	*
Stroke	60	20.0	21.8	6.1	26.7	28.7	7.3	31.7	33.5	6.5
Hip Fracture	53	1.9	5.8	4.7	5.7	10.5	6.0	9.4	13.8	5.6
Sepsis	19	15.8	24.7	*	15.8	32.6	*	21.1	38.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	4.3	*	13.3	7.4	*	20.0	10.2	*
Carotid Endarterectomy	4	0.0	1.0	*	0.0	1.9	*	0.0	2.7	*
Hip Replacement/Reconstruction	70	0.0	1.6	2.3	1.4	3.1	2.7	1.4	4.2	3.8
Open Reduction of Hip Fracture	26	3.8	5.5	*	7.7	10.4	*	15.4	13.7	*
Prostatectomy	62	1.6	0.9	1.3	3.2	2.2	2.2	6.5	3.8	3.4
Cholecystectomy	57	3.5	2.6	3.3	5.3	4.8	3.4	7.0	6.4	3.3
Hysterectomy	21	0.0	2.4	*	0.0	3.7	*	0.0	4.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	200
Occupancy Rate	58
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	101
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	205
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MERCY HOSPITAL OF JANESVILLE

Medicare Provider Number: 520066

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,852	8.9	7.9	1.2	13.4	12.2	1.5	16.6	15.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	56	32.1	30.3	7.7	35.7	34.1	6.9	39.3	38.2	6.6
Congestive Heart Failure	87	16.1	14.0	4.8	23.0	21.7	4.6	28.7	28.1	4.8
Pneumonia/Influenza	59	16.9	18.4	5.5	23.7	24.7	5.7	27.1	29.5	7.1
Chronic Obstructive Pulmonary Disease	13	15.4	6.5	*	23.1	11.6	*	23.1	16.4	*
Transient Cerebral Ischemia	30	6.7	1.7	*	10.0	3.7	*	16.7	5.8	*
Stroke	63	27.0	20.9	6.0	36.5	27.1	7.7	44.4	31.6	9.8
Hip Fracture	52	7.7	6.1	4.2	11.5	11.3	4.8	13.5	14.9	5.3
Sepsis	16	37.5	27.1	*	37.5	33.2	*	37.5	38.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	5.0	4.2	*	15.0	7.5	*	20.0	10.4	*
Carotid Endarterectomy	2	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction	63	0.0	2.6	2.6	3.2	4.8	3.7	4.8	6.3	4.2
Open Reduction of Hip Fracture	16	12.5	5.4	*	12.5	10.5	*	12.5	14.1	*
Prostatectomy	62	0.0	0.9	1.4	0.0	2.1	2.6	1.6	3.4	2.7
Cholecystectomy	45	0.0	2.3	*	2.2	4.4	*	4.4	5.9	*
Hysterectomy	18	5.6	0.8	*	5.6	1.4	*	5.6	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,772	8.6	7.7	0.9	12.6	12.0	1.1	15.7	15.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	51	43.1	29.2	10.6	47.1	33.1	10.3	49.0	36.9	9.8
Congestive Heart Failure	75	9.3	14.2	7.0	20.0	21.6	6.3	24.0	28.0	8.2
Pneumonia/Influenza	65	18.5	15.0	6.1	24.6	20.9	6.9	29.2	25.6	7.6
Chronic Obstructive Pulmonary Disease	21	9.5	9.6	*	9.5	16.1	*	14.3	21.2	*
Transient Cerebral Ischemia	40	0.0	1.8	*	5.0	3.9	*	5.0	6.3	*
Stroke	54	27.8	25.5	6.6	33.3	31.8	6.9	38.9	36.6	8.2
Hip Fracture	52	5.8	5.6	3.3	15.4	10.6	6.3	19.2	14.2	9.3
Sepsis	12	16.7	25.8	*	33.3	33.1	*	33.3	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	21	0.0	6.2	*	19.0	10.5	*	23.8	14.1	*
Carotid Endarterectomy	1	0.0	1.5	*	0.0	2.7	*	0.0	3.8	*
Hip Replacement/Reconstruction	73	2.7	2.7	1.9	6.8	5.0	3.0	9.6	6.7	5.3
Open Reduction of Hip Fracture	18	5.6	4.6	*	11.1	9.3	*	11.1	12.9	*
Prostatectomy	57	0.0	0.8	1.8	0.0	1.9	3.0	1.8	3.2	2.9
Cholecystectomy	53	7.5	3.9	5.2	11.3	7.6	5.4	15.1	10.4	5.8
Hysterectomy	19	0.0	0.8	*	0.0	1.9	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MERCY MEDICAL CENTER

631 Hazel St P O Box 1100
Oshkosh, WI 54901

Medicare Provider Number: 520048

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,262	8.9	9.2	0.6	13.0	13.9	0.8	16.1	17.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	74	24.3	28.2	5.6	25.7	31.9	6.5	25.7	35.4	7.7
Congestive Heart Failure	108	17.6	16.4	3.8	25.9	25.7	4.2	31.5	33.1	6.1
Pneumonia/Influenza	119	21.0	18.3	5.2	30.3	24.5	5.8	35.3	29.4	6.8
Chronic Obstructive Pulmonary Disease	13	15.4	9.1	*	15.4	14.7	*	23.1	19.6	*
Transient Cerebral Ischemia	22	0.0	1.5	*	0.0	3.1	*	4.5	4.9	*
Stroke	84	15.5	21.4	6.4	26.2	28.2	5.2	28.6	32.8	6.5
Hip Fracture	55	7.3	7.3	3.6	14.5	13.1	4.7	14.5	17.0	5.6
Sepsis	28	17.9	26.5	*	21.4	34.6	*	21.4	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	4.6	*	9.1	9.1	*	18.2	13.2	*
Carotid Endarterectomy	9	0.0	1.4	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	36	5.6	3.0	*	11.1	5.8	*	11.1	7.9	*
Open Reduction of Hip Fracture	36	5.6	6.6	*	11.1	12.3	*	11.1	16.2	*
Prostatectomy	120	0.0	1.5	1.7	0.8	3.5	2.3	3.3	5.7	2.9
Cholecystectomy	68	0.0	2.1	2.7	1.5	3.6	3.6	1.5	4.6	4.0
Hysterectomy	35	0.0	0.7	*	2.9	1.7	*	5.7	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	234
Occupancy Rate	61
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	100
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	0
Registered Nurses	162
Licensed Practical Nurses	46

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MERCY MEDICAL CENTER

Medicare Provider Number: 520048

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,305	9.5	9.8	0.6	14.4	14.9	1.0	17.7	18.7	1.1
CONDITIONS:										
Acute Myocardial Infarction	69	27.5	30.4	8.6	30.4	34.7	9.4	33.3	38.5	11.1
Congestive Heart Failure	110	16.4	18.9	4.9	24.5	28.4	7.5	30.9	35.9	8.5
Pneumonia/Influenza	123	15.4	19.3	4.9	21.1	25.4	5.8	27.6	30.4	5.0
Chronic Obstructive Pulmonary Disease	20	15.0	13.7	*	25.0	22.1	*	35.0	28.5	*
Transient Cerebral Ischemia	18	0.0	1.7	*	0.0	3.7	*	0.0	5.7	*
Stroke	98	19.4	22.2	5.6	29.6	29.0	4.7	33.7	33.5	4.8
Hip Fracture	64	9.4	8.3	3.6	12.5	14.8	5.4	17.2	18.8	6.1
Sepsis	26	15.4	21.9	*	23.1	28.8	*	26.9	34.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	3.8	*	0.0	7.5	*	28.6	11.3	*
Carotid Endarterectomy	16	0.0	1.6	*	0.0	3.3	*	6.3	4.7	*
Hip Replacement/Reconstruction	46	8.7	3.5	*	10.9	6.6	*	15.2	8.6	*
Open Reduction of Hip Fracture	37	5.4	8.5	*	10.8	15.6	*	13.5	20.1	*
Prostatectomy	98	2.0	1.4	1.6	5.1	3.5	3.4	11.2	5.9	4.9
Cholecystectomy	52	1.9	3.5	3.5	5.8	6.1	3.4	5.8	7.8	4.1
Hysterectomy	22	0.0	0.5	*	0.0	1.1	*	4.5	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,220	8.3	9.3	0.7	13.1	14.3	0.9	16.0	18.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	71	33.8	27.9	8.0	38.0	31.9	8.4	39.4	35.5	7.0
Congestive Heart Failure	112	11.6	17.8	4.9	17.0	26.6	6.4	24.1	33.9	7.2
Pneumonia/Influenza	103	13.6	20.3	5.9	18.4	27.2	6.0	22.3	32.6	6.6
Chronic Obstructive Pulmonary Disease	24	4.2	11.8	*	16.7	20.2	*	16.7	26.6	*
Transient Cerebral Ischemia	24	8.3	2.6	*	8.3	5.7	*	8.3	8.9	*
Stroke	90	23.3	21.9	4.5	30.0	29.0	4.9	35.6	33.7	5.3
Hip Fracture	57	14.0	7.1	6.8	21.1	12.6	7.4	22.8	16.3	7.8
Sepsis	38	10.5	21.2	*	23.7	30.1	*	28.9	36.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	2.6	*	0.0	5.0	*	7.7	7.5	*
Carotid Endarterectomy	21	0.0	1.6	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	42	7.1	3.5	*	7.1	6.3	*	9.5	8.2	*
Open Reduction of Hip Fracture	37	13.5	6.1	*	24.3	11.4	*	27.0	15.1	*
Prostatectomy	112	1.8	1.5	1.2	3.6	3.8	2.0	6.3	6.3	2.5
Cholecystectomy	68	4.4	4.1	3.0	7.4	7.1	3.1	10.3	9.3	3.8
Hysterectomy	21	0.0	1.0	*	4.8	2.0	*	9.5	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

457.1

MERCY MEDICAL CENTER

A MEMBER OF MINISTRY CORPORATION
SISTERS OF THE SORROWFUL MOTHER

JOSEPH P. ROSS
PRESIDENT

10 January 1991 Provider Number: 520048

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Mrs. Kappert:

This letter is in response to your anticipated release of the "Medicare Hospital Mortality Information," covering Fiscal Years 1987-89.

Mercy Medical Center has always placed the highest importance on its quality of care. The hospital, working with its Medical Staff and Board of Directors, has developed a Quality Assurance Program which is based upon the standards of the Joint Commission on Accreditation of Healthcare Organizations. This program provides for continuous monitoring and evaluation of patient care, including a review process for all hospital deaths regardless of source of payment.

Mercy Medical Center would like to acknowledge the efforts of the Health Care Financing Administration to improve the model for reporting this information since its inception. At the same time, the hospital continues to be concerned that, upon publication, more emphasis may be placed on the specific numbers than is actually warranted. This is more likely to occur if appropriate and understandable information, relative to study design and limitations, is not provided.

Some of the factors which lead us to this viewpoint include the following:

631 HAZEL STREET
POST OFFICE BOX 1100
OSHKOSH, WISCONSIN 54902
414-236-2000

The expansion of the timeframes for the analysis, from the previous 30 days to 30-90-180 day intervals. Relating the death, especially at the upper limits of this timeframe, seems to be speculative at best. The inference is that this data says something about the quality of care during the hospitalization. It seems just as likely that the reason for death may be totally unrelated to the reason for the hospitalization included in the analysis.

2. The number of condition and procedural categories for which, by HCFA's own admission, the calculation of a standard deviation is not justified. Despite this shortcoming, little is said, in terms the average consumer will understand, about the resulting implications for interpreting the data in these categories.

3. The comparison of specific rates between institutions will not reflect or detect any significant difference in the quality of care provided. This is especially true if the differences are small; if the number of cases or deaths prohibits estimation of the standard deviation (#2 above); or if the timeframes being compared are quite removed from the date of hospitalization.

In summary, Mercy Medical Center believes that this mortality information may serve as a broad indicator for our internal quality assurance process and, as such, serve as the basis for further, specifically focused evaluation by the hospital and its medical staff, as warranted. However, in its current state, this information is not a direct and conclusive indication of actual institutional performance or quality of care. Moreover, the study may be subject to misinterpretation regarding the quality and outcomes of medical care.

Sincerely,

Joseph P. Ross
President

MERITER HOSPITAL INC

202 S Park St
Madison, WI 53715

Medicare Provider Number: 520089

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,664	6.7	7.0	0.5	10.4	10.8	0.6	12.9	13.9	0.8
CONDITIONS:										
Acute Myocardial Infarction	93	22.6	27.6	7.5	29.0	30.6	8.0	30.1	33.8	5.4
Congestive Heart Failure	129	12.4	15.6	6.0	17.1	24.3	7.0	24.8	31.3	6.8
Pneumonia/Influenza	98	16.3	17.8	4.1	20.4	24.3	5.4	25.5	29.2	5.4
Chronic Obstructive Pulmonary Disease	34	2.9	10.6	*	11.8	17.6	*	14.7	23.3	*
Transient Cerebral Ischemia	52	0.0	2.0	2.8	3.8	4.5	2.9	5.8	7.0	3.7
Stroke	118	17.8	20.8	5.9	23.7	27.5	7.5	28.0	31.9	7.7
Hip Fracture	107	6.5	6.8	2.5	10.3	12.2	4.8	13.1	15.9	5.4
Sepsis	19	31.6	25.8	*	31.6	33.1	*	31.6	38.5	*
PROCEDURES:										
Angioplasty	22	0.0	2.6	*	0.0	3.3	*	0.0	4.2	*
Coronary Artery Bypass Graft	39	2.6	4.3	*	2.6	6.3	*	2.6	7.6	*
Initial Pacemaker Insertion	29	0.0	2.2	*	0.0	4.5	*	0.0	7.0	*
Carotid Endarterectomy	13	0.0	1.2	*	0.0	2.2	*	0.0	3.1	*
Hip Replacement/Reconstruction	133	4.5	2.6	1.9	6.0	4.8	2.0	6.0	6.4	2.4
Open Reduction of Hip Fracture	35	0.0	6.2	*	5.7	11.9	*	11.4	15.8	*
Prostatectomy	187	0.5	0.7	0.7	1.6	1.7	1.4	2.1	2.9	2.1
Cholecystectomy	84	3.6	3.6	2.5	7.1	6.8	3.4	8.3	9.0	3.4
Hysterectomy	33	3.0	1.0	*	3.0	2.1	*	3.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	547
Occupancy Rate	56
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	352
Percent of Physicians Board Certified Specialists	79
Medical Residents/Interns	9
Registered Nurses	655
Licensed Practical Nurses	50

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MERITER HOSPITAL INC

Medicare Provider Number: 520089

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,377	6.8	7.1	0.5	10.5	11.2	0.6	12.9	14.5	0.8
CONDITIONS:										
Acute Myocardial Infarction	82	29.3	29.4	5.5	34.1	33.0	5.4	36.6	36.5	5.6
Congestive Heart Failure	114	17.5	16.3	3.6	23.7	24.6	4.4	35.1	31.4	5.7
Pneumonia/Influenza	82	9.8	15.8	7.6	17.1	21.5	6.1	19.5	25.9	6.6
Chronic Obstructive Pulmonary Disease	30	6.7	9.2	*	13.3	14.6	*	16.7	18.8	*
Transient Cerebral Ischemia	70	2.9	2.4	1.9	4.3	5.1	2.7	7.1	8.1	3.8
Stroke	102	21.6	20.3	7.0	32.4	27.3	8.8	37.3	32.0	9.6
Hip Fracture	86	5.8	6.8	2.8	10.5	12.4	4.7	12.8	16.1	6.4
Sepsis	17	23.5	29.8	*	41.2	37.0	*	47.1	43.5	*
PROCEDURES:										
Angioplasty	11	0.0	2.3	*	0.0	2.9	*	0.0	3.8	*
Coronary Artery Bypass Graft	28	7.1	4.5	*	7.1	6.4	*	7.1	7.8	*
Initial Pacemaker Insertion	20	0.0	4.0	*	10.0	7.7	*	10.0	11.0	*
Carotid Endarterectomy	15	0.0	1.6	*	0.0	3.4	*	0.0	5.0	*
Hip Replacement/Reconstruction	104	1.9	2.8	1.8	3.8	5.2	2.8	3.8	7.0	3.7
Open Reduction of Hip Fracture	43	4.7	5.7	*	9.3	11.0	*	11.6	14.5	*
Prostatectomy	160	0.6	1.0	1.1	2.5	2.4	1.3	4.4	4.0	1.6
Cholecystectomy	59	1.7	2.9	2.6	1.7	5.1	4.3	3.4	6.6	4.8
Hysterectomy	23	0.0	0.7	*	0.0	1.6	*	4.3	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,213	6.2	7.1	1.0	10.3	11.4	1.2	13.6	14.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	51	21.6	30.7	9.0	23.5	34.1	9.8	25.5	37.5	10.7
Congestive Heart Failure	65	10.8	16.8	6.8	24.6	25.4	5.5	32.3	32.5	6.0
Pneumonia/Influenza	60	5.0	13.3	6.5	11.7	18.4	6.9	15.0	22.5	6.7
Chronic Obstructive Pulmonary Disease	14	14.3	11.0	*	21.4	18.3	*	35.7	23.8	*
Transient Cerebral Ischemia	49	0.0	2.0	*	4.1	4.0	*	4.1	6.1	*
Stroke	62	27.4	22.9	5.6	32.3	30.0	6.6	32.3	34.6	6.2
Hip Fracture	62	8.1	7.1	3.5	11.3	12.6	4.4	14.5	16.2	5.2
Sepsis	13	23.1	17.9	*	38.5	25.6	*	38.5	31.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	5.0	3.8	*	5.0	7.5	*	5.0	10.5	*
Carotid Endarterectomy	15	0.0	1.8	*	0.0	3.6	*	13.3	5.2	*
Hip Replacement/Reconstruction	79	6.3	2.3	3.5	6.3	4.3	3.6	8.9	5.8	4.1
Open Reduction of Hip Fracture	27	0.0	5.9	*	7.4	11.2	*	11.1	14.8	*
Prostatectomy	89	0.0	1.0	1.4	2.2	2.5	1.7	2.2	4.2	2.8
Cholecystectomy	38	0.0	2.6	*	2.6	4.9	*	2.6	6.6	*
Hysterectomy	27	0.0	0.7	*	0.0	1.4	*	3.7	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

MILWAUKEE COUNTY MEDICAL COMPLEX

8700 W Wisconsin Ave
Wauwautosa, WI 53226

Medicare Provider Number: 520174

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,563	7.7	7.6	1.0	12.1	11.8	0.9	16.2	15.0	1.2
CONDITIONS:										
Acute Myocardial Infarction	36	25.0	28.0	*	33.3	31.6	*	41.7	35.1	*
Congestive Heart Failure	62	6.5	14.3	7.2	12.9	22.3	7.8	21.0	28.9	7.7
Pneumonia/Influenza	34	23.5	14.6	*	26.5	19.7	*	29.4	23.8	*
Chronic Obstructive Pulmonary Disease	18	5.6	10.7	*	16.7	17.3	*	22.2	22.7	*
Transient Cerebral Ischemia	1	0.0	1.8	*	0.0	3.2	*	0.0	4.5	*
Stroke	8	12.5	20.8	*	25.0	26.3	*	37.5	30.3	*
Hip Fracture	29	3.4	7.9	*	10.3	13.8	*	13.8	17.6	*
Sepsis	2	50.0	19.8	*	50.0	27.4	*	50.0	32.0	*
PROCEDURES:										
Angioplasty	18	5.6	4.1	*	5.6	5.0	*	5.6	6.2	*
Coronary Artery Bypass Graft	38	13.2	7.7	*	15.8	11.9	*	23.7	14.2	*
Initial Pacemaker Insertion	8	0.0	2.6	*	0.0	5.6	*	0.0	8.5	*
Carotid Endarterectomy	12	0.0	1.4	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction	31	0.0	1.9	*	0.0	3.4	*	0.0	4.6	*
Open Reduction of Hip Fracture	20	5.0	6.9	*	15.0	12.7	*	15.0	16.6	*
Prostatectomy	0									
Cholecystectomy	7	14.3	4.9	*	14.3	9.5	*	14.3	12.8	*
Hysterectomy	11	9.1	0.4	*	9.1	1.1	*	9.1	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	373
Occupancy Rate	78
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	423
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	542
Licensed Practical Nurses	34

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MILWAUKEE COUNTY MEDICAL COMPLEX

Medicare Provider Number: 520174

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,761	9.2	7.8	1.0	13.1	11.8	1.0	16.5	15.1	1.1
CONDITIONS:										
Acute Myocardial Infarction	44	13.6	26.9	*	15.9	29.8	*	15.9	33.2	*
Congestive Heart Failure	55	14.5	14.8	5.1	23.6	22.8	5.7	27.3	29.5	6.8
Pneumonia/Influenza	30	20.0	13.6	*	33.3	19.4	*	46.7	23.9	*
Chronic Obstructive Pulmonary Disease	15	20.0	10.6	*	20.0	18.0	*	33.3	24.3	*
Transient Cerebral Ischemia	4	0.0	1.4	*	0.0	3.0	*	0.0	4.6	*
Stroke	6	33.3	21.6	*	50.0	27.4	*	50.0	31.4	*
Hip Fracture	30	16.7	6.7	*	26.7	11.9	*	26.7	15.2	*
Sepsis	7	42.9	37.0	*	42.9	53.4	*	42.9	63.1	*
PROCEDURES:										
Angioplasty	11	9.1	5.7	*	9.1	8.6	*	18.2	11.2	*
Coronary Artery Bypass Graft	34	14.7	7.6	*	17.6	9.8	*	17.6	11.7	*
Initial Pacemaker Insertion	10	0.0	4.0	*	10.0	7.1	*	20.0	10.1	*
Carotid Endarterectomy	10	0.0	1.6	*	0.0	3.0	*	10.0	4.2	*
Hip Replacement/Reconstruction	33	6.1	2.3	*	6.1	4.5	*	9.1	6.2	*
Open Reduction of Hip Fracture	9	0.0	3.7	*	11.1	6.9	*	11.1	9.1	*
Prostatectomy	0									
Cholecystectomy	13	15.4	6.0	*	23.1	11.6	*	23.1	15.5	*
Hysterectomy	18	5.6	2.0	*	5.6	4.1	*	11.1	6.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,645	8.4	7.4	0.8	13.9	11.4	1.2	17.4	14.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	41	41.5	26.8	*	46.3	30.3	*	46.3	34.0	*
Congestive Heart Failure	65	16.9	15.9	5.2	24.6	24.2	5.4	32.3	30.9	7.6
Pneumonia/Influenza	22	18.2	16.6	*	27.3	22.7	*	40.9	27.5	*
Chronic Obstructive Pulmonary Disease	14	14.3	11.5	*	14.3	18.3	*	14.3	23.4	*
Transient Cerebral Ischemia	8	0.0	2.6	*	12.5	5.3	*	12.5	8.0	*
Stroke	8	62.5	17.9	*	75.0	26.8	*	87.5	32.1	*
Hip Fracture	24	4.2	5.8	*	4.2	10.2	*	12.5	13.2	*
Sepsis	15	53.3	29.6	*	60.0	39.0	*	60.0	45.7	*
PROCEDURES:										
Angioplasty	21	9.5	4.2	*	9.5	5.5	*	9.5	6.8	*
Coronary Artery Bypass Graft	27	7.4	8.7	*	25.9	12.1	*	29.6	13.8	*
Initial Pacemaker Insertion	12	0.0	3.1	*	0.0	6.5	*	0.0	10.0	*
Carotid Endarterectomy	8	0.0	1.4	*	0.0	2.4	*	0.0	3.4	*
Hip Replacement/Reconstruction	26	0.0	2.5	*	0.0	5.1	*	3.8	7.1	*
Open Reduction of Hip Fracture	12	0.0	5.3	*	0.0	9.6	*	0.0	12.4	*
Prostatectomy	0									
Cholecystectomy	12	25.0	9.0	*	25.0	16.0	*	25.0	19.9	*
Hysterectomy	8	0.0	1.4	*	0.0	2.9	*	0.0	4.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

461.1

Medicare No: 520174

MILWAUKEE COUNTY
MEDICAL COMPLEX

8700 West Wisconsin Avenue Milwaukee, WI 53226 414-257-7900, TTY 257-5774

January 10, 1991

Gail R. Wilensky, PH.D.
Administrator
Health Care Financing Administration
6325 Security Boulevard
Baltimore, MD 21207

Dear Dr. Wilensky,

Before responding to the data released for the 1989 HCFA Mortality Report, we must express our continuing concern over the release of mortality data to the general public in its present form. Even with the attempts by HCFA to clarify the intent of this report, there is the underlying and misleading inference that it is somehow descriptive of the quality of care in hospitals.

As was described in previous letters to HCFA, the Milwaukee County Medical Complex is a major teaching hospital providing tertiary referral care in southeastern Wisconsin. For the critically ill and seriously injured, the Hospital serves the entire state, the upper peninsula of Michigan, and Northern Illinois, through its Flight for Life Helicopter/Emergency Medical Aero-Evac System. Further, the Hospital serves as a base for Milwaukee County's Paramedic System, with its communication center providing physician direction to Paramedic Services in the field. A significant number of patients (42%) are admitted to the hospital through the Emergency Department/ Trauma Center, having been transported to the Medical Complex because of the severity of their illness and the availability of specialized physicians, nurses and technology. In addition, the Hospital serves as a primary provider of health care services for the medically indigent and underinsured of Milwaukee County.

Physicians who practice at the Medical Complex are on the faculty of the Medical College of Wisconsin and actively engage in the delivery as well as the supervision of patient care. Processes are in place for the systematic and ongoing review of patient care which are part of the academic and the quality assurance programs of the Medical College and the Hospital.

In response to the data itself, the Medical Complex acknowledges that its experienced mortality on the report, for all causes, is within the predicted range of mortality. The remainder of the report is very limited in that the number of cases is too small in almost all of the categories to permit any useful statistical calculations. The HCFA report identifies one other category, Congestive Heart Failure, for the Medical Complex in which the current formula was applied. In this category we again fall within the predicted range of mortality.

The Hospital Characteristics information should be changed to reflect that we have 156 Medical Residents/Interns, and the Specialty Services offerred include Trauma.

In conclusion, we believe that the HCFA report on mortality has limited usefulness to the general public in making any determinations related to the quality of care provided at any particular health care institution. We do, however, appreciate the opportunity to review the data and provide a response prior to publication of this report.

Sincerely yours,

Julie Hanser

Julie Hanser, FACHE
Hospital Administrator

JH:jmc

MYRTLE WERTH MEDICAL CENTER

2321 Stout Rd
Menomonie, WI 54751

Medicare Provider Number: 520003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	529	9.3	8.8	1.2	13.2	13.4	1.5	17.8	17.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	32	15.6	26.1	*	18.8	29.5	*	25.0	33.0	*
Congestive Heart Failure	34	11.8	15.8	*	20.6	24.6	*	38.2	31.8	*
Pneumonia/Influenza	18	11.1	17.7	*	27.8	24.3	*	27.8	29.7	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	1.5	*	0.0	3.4	*	0.0	5.5	*
Stroke	26	23.1	21.6	*	26.9	29.0	*	30.8	33.9	*
Hip Fracture	22	4.5	5.2	*	4.5	9.6	*	9.1	12.8	*
Sepsis	5	20.0	13.8	*	20.0	18.3	*	20.0	22.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	0.0	2.0	*	0.0	4.1	*	7.7	5.8	*
Open Reduction of Hip Fracture	15	6.7	5.0	*	6.7	9.5	*	6.7	12.8	*
Prostatectomy	15	0.0	1.7	*	0.0	4.3	*	6.7	7.1	*
Cholecystectomy	22	0.0	1.8	*	0.0	3.3	*	0.0	4.2	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	63
Occupancy Rate	32
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

MYRTLE WERTH MEDICAL CENTER

Medicare Provider Number: 520003

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	554	11.6	9.8	1.3	17.0	14.9	1.7	20.4	18.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	26	19.2	29.8	*	23.1	33.7	*	23.1	37.4	*
Congestive Heart Failure	46	19.6	14.7	*	30.4	22.6	*	32.6	29.0	*
Pneumonia/Influenza	20	20.0	16.2	*	25.0	21.6	*	35.0	25.9	*
Chronic Obstructive Pulmonary Disease	6	0.0	8.2	*	0.0	15.5	*	0.0	21.7	*
Transient Cerebral Ischemia	9	0.0	2.0	*	11.1	4.5	*	11.1	7.3	*
Stroke	28	10.7	21.2	*	21.4	27.5	*	25.0	32.4	*
Hip Fracture	18	5.6	6.0	*	11.1	11.4	*	11.1	15.1	*
Sepsis	7	14.3	25.0	*	28.6	34.8	*	28.6	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	6.7	*	100.0	12.1	*	100.0	18.2	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	5.9	2.9	*	11.8	5.7	*	17.6	7.6	*
Open Reduction of Hip Fracture	11	0.0	4.9	*	0.0	9.7	*	0.0	13.2	*
Prostatectomy	15	0.0	1.2	*	6.7	3.2	*	6.7	5.4	*
Cholecystectomy	17	5.9	4.9	*	5.9	7.7	*	5.9	9.0	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	550	9.1	9.7	1.3	13.3	14.4	1.9	16.2	18.4	1.9
CONDITIONS:										
Acute Myocardial Infarction	34	23.5	30.1	*	29.4	33.8	*	29.4	37.6	*
Congestive Heart Failure	36	16.7	16.4	*	22.2	24.6	*	36.1	31.3	*
Pneumonia/Influenza	24	33.3	20.5	*	37.5	27.6	*	37.5	33.1	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.5	*	0.0	13.5	*	0.0	18.4	*
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	4.2	*	0.0	6.6	*
Stroke	16	12.5	20.5	*	12.5	26.4	*	12.5	31.3	*
Hip Fracture	17	0.0	6.6	*	0.0	12.2	*	5.9	16.4	*
Sepsis	4	0.0	18.3	*	0.0	23.9	*	25.0	29.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	0.0	4.1	*	0.0	7.8	*	6.7	10.5	*
Open Reduction of Hip Fracture	9	0.0	5.1	*	0.0	10.0	*	0.0	13.8	*
Prostatectomy	17	0.0	2.5	*	5.9	6.9	*	11.8	12.2	*
Cholecystectomy	10	0.0	2.6	*	0.0	4.8	*	0.0	6.2	*
Hysterectomy	3	0.0	0.7	*	0.0	1.5	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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520003

MYRTLE WERTH
MEDICAL CENTER

DATE: 1-14-91

TO: Health Care Financing Administration

FROM: Myrtle Werth Medical Center Thomas Miller III

SUBJECT: HCFA Mortality Report

We reviewed the HCFA 1989 Medicare Hospital Mortality rates for our hospital. It is our opinion that based on the methodology used the number of cases and deaths in each category is too small to permit satisfactory estimation of the standard deviation from the "normal" # of deaths expected following care at Myrtle Werth Medical Center. The government agrees with us and shows this by so stating in the graphic.

In regards to the comparison of mortality rates between 30, 90 and 180 days we do not feel that this is a meaningful source of data as we have no way of knowing why former patients expired. Myrtle Werth Medical Center has no opportunity to intervene in a patient's health after he/she is discharged from our care by the patient's physician. It is a true statement to indicate by these data that patients received care here and expired sometime after that care was received. We submit that our care of the patient and their expiration may or may not be related. Therefore, in addition to being statistically not significant due to the small sample size, there is no correlation shown in the data between being a patient at our hospital and a person expiring at 30, 90 or 180 days after leaving our care.

Myrtle Werth Medical Center would like to express that without access to the full range of information in a patient's medical record, it is not possible to make quality of care statements about any individual case including the cases cited herin.

2321 Stout Road
Menomonie, WI 54751

(715) 235-5531

NEW LONDON FAMILY MEDICAL CENTER INC

1405 Mill St
New London, WI 54961

Medicare Provider Number: 520053

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	388	11.6	8.9	1.9	17.3	13.5	2.5	21.4	17.0	3.0
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	30.1	*	60.0	34.8	*	70.0	39.0	*
Congestive Heart Failure	27	18.5	15.7	*	29.6	25.1	*	37.0	32.1	*
Pneumonia/Influenza	21	23.8	14.9	*	28.6	20.5	*	28.6	24.7	*
Chronic Obstructive Pulmonary Disease	4	25.0	4.3	*	25.0	7.4	*	25.0	10.2	*
Transient Cerebral Ischemia	10	0.0	1.8	*	10.0	4.0	*	10.0	6.3	*
Stroke	17	29.4	19.6	*	35.3	27.7	*	35.3	32.7	*
Hip Fracture	19	10.5	4.5	*	26.3	8.7	*	31.6	11.9	*
Sepsis	5	20.0	20.8	*	20.0	26.5	*	20.0	32.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	4.2	*	20.0	8.8	*	20.0	12.3	*
Open Reduction of Hip Fracture	8	0.0	2.4	*	0.0	5.1	*	12.5	7.4	*
Prostatectomy	14	0.0	0.8	*	0.0	2.1	*	0.0	3.8	*
Cholecystectomy	4	0.0	1.8	*	0.0	3.2	*	0.0	4.0	*
Hysterectomy	1	0.0	2.5	*	0.0	6.2	*	0.0	10.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	52
Occupancy Rate	39
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	28
Percent of Physicians Board Certified Specialists	93
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	9

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NEW LONDON FAMILY MEDICAL CENTER INC

Medicare Provider Number: 520053

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	403	9.7	9.5	1.5	14.6	14.1	2.0	17.4	17.8	2.0
CONDITIONS:										
Acute Myocardial Infarction	18	44.4	31.5	*	50.0	34.8	*	50.0	38.4	*
Congestive Heart Failure	37	24.3	17.6	*	27.0	25.4	*	29.7	31.9	*
Pneumonia/Influenza	30	16.7	17.6	*	20.0	23.4	*	26.7	28.0	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.4	*	33.3	12.7	*	33.3	20.1	*
Transient Cerebral Ischemia	8	0.0	2.6	*	25.0	5.8	*	25.0	9.2	*
Stroke	11	9.1	21.7	*	18.2	29.0	*	18.2	34.2	*
Hip Fracture	14	0.0	4.8	*	0.0	9.1	*	0.0	12.1	*
Sepsis	1	0.0	17.6	*	0.0	22.6	*	0.0	26.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	4.9	*	0.0	9.1	*	0.0	11.7	*
Open Reduction of Hip Fracture	6	0.0	3.2	*	0.0	6.3	*	0.0	8.7	*
Prostatectomy	21	4.8	1.0	*	14.3	2.3	*	14.3	3.7	*
Cholecystectomy	2	0.0	2.0	*	0.0	3.5	*	0.0	4.3	*
Hysterectomy	3	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	378	9.8	10.3	1.6	13.8	15.2	2.1	17.7	19.0	2.4
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	33.1	*	27.3	36.6	*	45.5	40.3	*
Congestive Heart Failure	22	4.5	14.7	*	9.1	22.0	*	18.2	28.4	*
Pneumonia/Influenza	17	17.6	15.9	*	29.4	21.5	*	29.4	26.1	*
Chronic Obstructive Pulmonary Disease	1	0.0	2.2	*	0.0	4.3	*	0.0	6.2	*
Transient Cerebral Ischemia	7	0.0	1.6	*	0.0	3.6	*	0.0	5.8	*
Stroke	22	27.3	18.8	*	36.4	25.3	*	40.9	29.9	*
Hip Fracture	8	12.5	9.5	*	12.5	16.7	*	12.5	20.8	*
Sepsis	3	66.7	49.8	*	66.7	56.6	*	66.7	61.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	66.7	5.2	*	66.7	9.9	*	66.7	13.0	*
Open Reduction of Hip Fracture	6	0.0	8.8	*	0.0	16.4	*	0.0	20.9	*
Prostatectomy	23	0.0	0.9	*	0.0	2.1	*	4.3	3.4	*
Cholecystectomy	4	0.0	1.9	*	0.0	3.7	*	0.0	5.0	*
Hysterectomy	1	0.0	0.9	*	0.0	1.5	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

NORTHWEST GENERAL HOSPITAL

5310 W Capitol Dr
Milwaukee, WI 53216

Medicare Provider Number: 520145

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	417	7.2	6.0	1.6	9.8	9.3	1.5	12.5	11.9	1.7
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	34.4	*	100.0	37.7	*	100.0	41.4	*
Congestive Heart Failure	20	10.0	9.8	*	20.0	15.7	*	20.0	21.1	*
Pneumonia/Influenza	17	29.4	20.9	*	41.2	28.2	*	52.9	33.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.7	*	0.0	14.0	*	0.0	20.3	*
Transient Cerebral Ischemia	7	0.0	1.6	*	0.0	3.8	*	0.0	6.1	*
Stroke	13	15.4	15.0	*	15.4	21.0	*	23.1	25.0	*
Hip Fracture	4	0.0	4.1	*	0.0	7.5	*	0.0	10.1	*
Sepsis	7	14.3	29.0	*	14.3	36.7	*	28.6	43.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	4.7	*	0.0	10.8	*	0.0	16.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	2.8	*	0.0	5.4	*	0.0	7.5	*
Open Reduction of Hip Fracture	2	0.0	3.0	*	0.0	6.0	*	0.0	8.3	*
Prostatectomy	2	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*
Cholecystectomy	7	14.3	13.3	*	14.3	22.5	*	42.9	28.1	*
Hysterectomy	3	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	79
Occupancy Rate	62
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	76
Percent of Physicians Board Certified Specialists	45
Medical Residents/Interns	1
Registered Nurses	44
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTHWEST GENERAL HOSPITAL

Medicare Provider Number: 520145

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	463	7.3	7.7	1.6	11.4	11.6	1.5	14.3	14.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	24.9	*	50.0	29.8	*	50.0	33.4	*
Congestive Heart Failure	27	11.1	13.2	*	25.9	20.1	*	25.9	25.9	*
Pneumonia/Influenza	27	7.4	16.0	*	11.1	22.4	*	14.8	27.3	*
Chronic Obstructive Pulmonary Disease	7	0.0	3.6	*	0.0	6.3	*	0.0	8.7	*
Transient Cerebral Ischemia	8	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke	19	21.1	20.1	*	26.3	28.0	*	31.6	33.0	*
Hip Fracture	6	16.7	9.1	*	16.7	16.0	*	16.7	19.9	*
Sepsis	6	16.7	27.6	*	33.3	32.7	*	33.3	38.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.7	*	0.0	6.6	*	0.0	10.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	6.4	*	33.3	12.1	*	33.3	15.5	*
Open Reduction of Hip Fracture	3	0.0	10.0	*	0.0	17.9	*	0.0	22.5	*
Prostatectomy	7	0.0	5.0	*	28.6	11.5	*	28.6	17.1	*
Cholecystectomy	5	0.0	4.5	*	0.0	7.8	*	0.0	9.7	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	357	9.0	9.8	2.2	13.4	14.8	2.8	16.8	18.6	2.9
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	22.8	*	0.0	25.5	*	0.0	28.5	*
Congestive Heart Failure	25	20.0	17.9	*	40.0	26.9	*	52.0	33.9	*
Pneumonia/Influenza	11	0.0	14.0	*	18.2	19.9	*	18.2	24.3	*
Chronic Obstructive Pulmonary Disease	5	0.0	4.7	*	0.0	7.8	*	0.0	10.6	*
Transient Cerebral Ischemia	4	0.0	2.6	*	0.0	6.0	*	0.0	10.0	*
Stroke	17	17.6	21.2	*	35.3	27.7	*	41.2	32.2	*
Hip Fracture	5	0.0	7.6	*	40.0	13.5	*	40.0	17.2	*
Sepsis	9	11.1	19.7	*	11.1	28.8	*	11.1	34.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	2.4	*	0.0	5.5	*	0.0	8.5	*
Hip Replacement/Reconstruction	1	0.0	0.6	*	0.0	1.0	*	0.0	1.3	*
Open Reduction of Hip Fracture	4	0.0	7.7	*	25.0	14.5	*	25.0	18.8	*
Prostatectomy	6	0.0	2.0	*	0.0	5.1	*	0.0	8.8	*
Cholecystectomy	12	8.3	4.6	*	8.3	8.6	*	8.3	11.3	*
Hysterectomy	3	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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520145

Northwest General Hospital

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Medicare Hospital Mortality Information

We appreciate the opportunity to comment on our Mortality Rates.

After review of all of the information and the individual cases listed for FY 1989, we have found no pattern of substandard quality of care at Northwest General Hospital.

Our three most frequently occurring conditions are Congestive Heart Failure, Pneumonia/Influenza, and Stroke. The majority of these patients came from and returned to extended care facilities. Although that in itself is not a justifiable reason for death, these patients have many other disorders which may contribute to their deaths.

Again, we have not found a problem with care rendered at Northwest General Hospital.

Sincerely,

Joel B. Warner
Administrator

A member of the American Osteopathic Hospital Association and the Wisconsin Hospital Association

NORTHWOODS HOSPITAL

2383 Hwy 17, P O Box 26
Phelps, WI 54554

Medicare Provider Number: 520120

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	158	7.0	11.9	3.5	11.4	17.0	4.2	14.6	21.1	4.1
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	41.6	*	33.3	47.4	*	33.3	51.5	*
Congestive Heart Failure	11	0.0	16.6	*	0.0	25.3	*	9.1	32.4	*
Pneumonia/Influenza	13	15.4	15.0	*	15.4	20.6	*	30.8	24.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.0	*	0.0	7.1	*	0.0	10.2	*
Transient Cerebral Ischemia	2	0.0	1.9	*	0.0	4.2	*	0.0	6.6	*
Stroke	10	20.0	21.8	*	20.0	27.0	*	20.0	31.3	*
Hip Fracture	0									
Sepsis	2	0.0	29.3	*	50.0	34.1	*	50.0	40.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	99
Occupancy Rate	86
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

NORTHWOODS HOSPITAL

Medicare Provider Number: 520120

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	174	10.3	11.9	2.8	15.5	17.4	3.8	18.4	21.8	5.1
CONDITIONS:										
Acute Myocardial Infarction	6	50.0	42.9	*	50.0	48.8	*	50.0	53.9	*
Congestive Heart Failure	4	0.0	11.5	*	25.0	17.1	*	50.0	22.3	*
Pneumonia/Influenza	14	0.0	13.7	*	0.0	18.4	*	0.0	22.3	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	3.0	*	0.0	6.5	*	0.0	10.0	*
Stroke	5	20.0	22.2	*	40.0	29.8	*	40.0	34.7	*
Hip Fracture	0									
Sepsis	2	0.0	46.6	*	50.0	52.2	*	50.0	58.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	3.3	*	0.0	5.3	*	0.0	6.4	*
Hysterectomy	0									

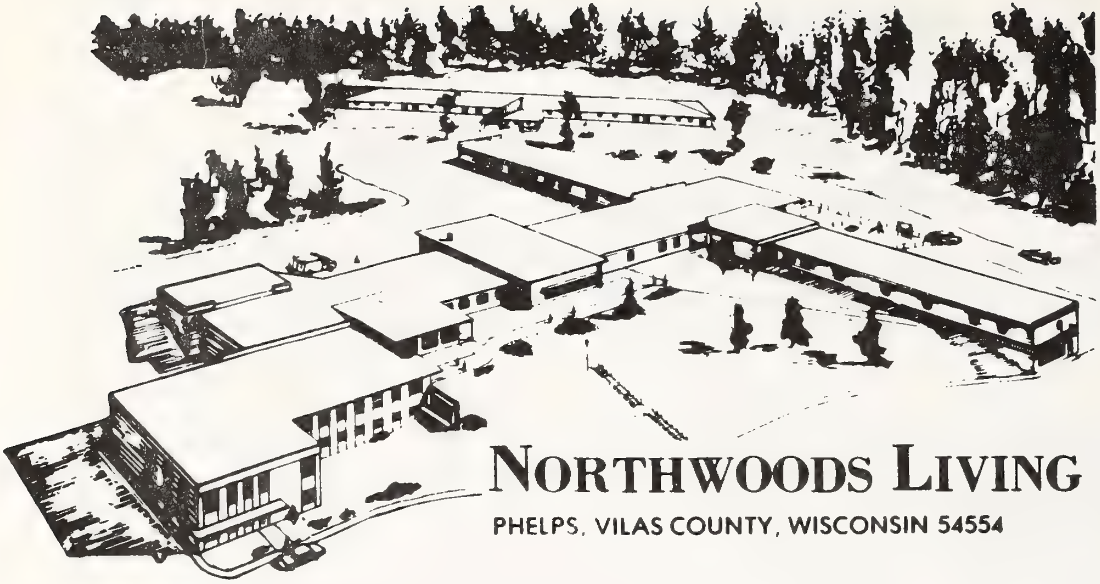
*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	121	6.6	11.4	4.1	7.4	16.7	5.3	14.9	21.3	4.9
CONDITIONS:										
Acute Myocardial Infarction	3	0.0	24.2	*	0.0	27.3	*	0.0	31.1	*
Congestive Heart Failure	6	0.0	24.4	*	0.0	35.2	*	16.7	43.5	*
Pneumonia/Influenza	5	0.0	14.4	*	0.0	19.2	*	20.0	23.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	18.1	*	0.0	25.0	*	100.0	30.8	*
Transient Cerebral Ischemia	4	25.0	2.0	*	25.0	4.5	*	25.0	7.2	*
Stroke	4	50.0	43.4	*	50.0	48.3	*	50.0	52.5	*
Hip Fracture	0									
Sepsis	1	0.0	22.6	*	0.0	36.2	*	0.0	43.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.8	*	0.0	2.9	*	0.0	3.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

469.1



NORTHWOODS HOSPITAL
CLINIC - PHARMACY
LILLIAN E. KERR
NURSING HOME
DEMMER DAY CARE CENTER
SENIOR CITIZENS
NORTHWOODS VILLAGE

NORTHWOODS LIVING CARE CENTER
PHELPS, VILAS COUNTY, WISCONSIN 54554 715-545-2313

December 11, 1990

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

The following comments are provided to accompany our HCFA Mortality report for fiscal year 1989 with comparisons to F.Y. 1988 and F.Y. 1987.

Northwoods Hospital is an 18 bed general acute care hospital with an attached 81 bed nursing home. While it is difficult to project the nursing home impact of mortality into the hospital statistics, it should be noted that 43% of the hospital admissions that experienced a death within 180 days or less were also nursing home residents. The reader should be aware that many nursing homes do represent a persons last residence prior to death.

The reader should also note that in all conditions which were presented in detail, the mortality reports are unable to state a standard deviation because the number of cases is too small to apply statistical measures that is valid. The measures presented are, therefore, unable to produce statistical measures of the mortality data for Northwoods Hospital due to the small facility size.

In summary, the data presented overall compares favorably with the predicted data from H.C.F.A. statistical measures. The reader should further consider the small case size related to statistical measurement and the fact that the facility is attached to an 81 bed nursing home which oftens manages end stage disease and chronic conditions as part of its resident population.

Sincerely,

Curtis A. Johnson
Administrator

CAJ:mcp

OCONTO MEMORIAL HOSPITAL INC

405 1st St
Oconto, WI 54153

Medicare Provider Number: 520077

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	162	16.0	11.5	2.9	20.4	17.3	3.2	27.2	21.6	3.7
CONDITIONS:										
Acute Myocardial Infarction	8	62.5	35.7	*	62.5	41.4	*	62.5	46.0	*
Congestive Heart Failure	13	7.7	16.6	*	23.1	26.4	*	30.8	34.3	*
Pneumonia/Influenza	13	15.4	11.0	*	23.1	15.1	*	23.1	18.6	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.2	*	0.0	8.0	*	0.0	11.8	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Stroke	5	60.0	29.9	*	60.0	41.1	*	60.0	46.5	*
Hip Fracture	3	33.3	4.2	*	33.3	7.8	*	33.3	10.4	*
Sepsis	2	50.0	19.3	*	50.0	23.7	*	50.0	28.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.1	*	0.0	9.0	*	0.0	11.5	*
Open Reduction of Hip Fracture	2	50.0	3.1	*	50.0	6.4	*	50.0	9.0	*
Prostatectomy	0									
Cholecystectomy	3	0.0	2.5	*	0.0	4.4	*	0.0	5.6	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	30
Occupancy Rate	27
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	18
Percent of Physicians Board Certified Specialists	28
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

OCONTO MEMORIAL HOSPITAL INC

Medicare Provider Number: 520077

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	186	12.9	9.9	3.8	19.9	15.4	4.7	22.0	19.8	5.5
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	17.5	*	30.0	20.6	*	30.0	23.8	*
Congestive Heart Failure	13	7.7	15.2	*	23.1	23.7	*	23.1	30.5	*
Pneumonia/Influenza	11	9.1	15.3	*	18.2	21.1	*	18.2	25.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.4	*	0.0	8.0	*	0.0	11.6	*
Transient Cerebral Ischemia	1	0.0	1.5	*	0.0	3.3	*	0.0	5.2	*
Stroke	5	20.0	21.1	*	20.0	29.1	*	20.0	34.1	*
Hip Fracture	1	100.0	3.4	*	100.0	6.6	*	100.0	8.9	*
Sepsis	2	0.0	16.4	*	0.0	20.5	*	0.0	25.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	1	100.0	3.0	*	100.0	5.9	*	100.0	8.2	*
Prostatectomy	0									
Cholecystectomy	3	0.0	1.2	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	149	18.1	12.6	4.9	22.8	18.4	4.8	27.5	22.6	4.9
CONDITIONS:										
Acute Myocardial Infarction	9	11.1	25.7	*	11.1	28.9	*	11.1	32.3	*
Congestive Heart Failure	8	12.5	19.0	*	25.0	29.5	*	37.5	37.1	*
Pneumonia/Influenza	5	20.0	13.2	*	20.0	18.1	*	20.0	22.3	*
Chronic Obstructive Pulmonary Disease	1	0.0	25.2	*	0.0	28.3	*	0.0	31.8	*
Transient Cerebral Ischemia	0									
Stroke	10	30.0	21.8	*	50.0	29.8	*	50.0	34.7	*
Hip Fracture	3	33.3	4.2	*	66.7	8.3	*	66.7	11.3	*
Sepsis	6	33.3	18.7	*	33.3	25.3	*	33.3	30.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.1	*	0.0	6.1	*	0.0	8.3	*
Open Reduction of Hip Fracture	1	100.0	4.1	*	100.0	8.7	*	100.0	12.3	*
Prostatectomy	0									
Cholecystectomy	2	50.0	1.0	*	50.0	1.8	*	50.0	2.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

OSSEO AREA MUNICIPAL HOSPITAL

674 East 8th Street
Osseo, WI 54758

Medicare Provider Number: 520118

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	134	9.7	9.9	2.6	17.2	14.9	3.6	21.6	19.2	4.1
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	30.1	*	20.0	33.0	*	20.0	36.6	*
Congestive Heart Failure	8	12.5	28.2	*	12.5	37.9	*	25.0	45.7	*
Pneumonia/Influenza	10	0.0	17.2	*	20.0	23.6	*	20.0	28.5	*
Chronic Obstructive Pulmonary Disease	4	25.0	6.5	*	25.0	13.0	*	75.0	19.0	*
Transient Cerebral Ischemia	4	0.0	1.7	*	0.0	3.7	*	0.0	6.0	*
Stroke	5	60.0	33.3	*	80.0	41.4	*	80.0	47.2	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	117
Occupancy Rate	65
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	5
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

OSSEO AREA MUNICIPAL HOSPITAL

Medicare Provider Number: 520118

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	173	11.0	8.7	2.5	13.9	13.4	2.6	15.6	17.4	3.1
CONDITIONS:										
Acute Myocardial Infarction	1	100.0	55.4	*	100.0	58.8	*	100.0	63.4	*
Congestive Heart Failure	7	57.1	18.4	*	71.4	27.4	*	71.4	34.7	*
Pneumonia/Influenza	15	20.0	16.2	*	26.7	21.8	*	33.3	26.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	3.9	*	0.0	7.0	*	0.0	9.9	*
Transient Cerebral Ischemia	6	0.0	3.1	*	0.0	7.3	*	0.0	11.6	*
Stroke	8	37.5	24.8	*	37.5	31.5	*	37.5	36.5	*
Hip Fracture	2	50.0	14.1	*	50.0	23.6	*	100.0	28.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.7	*	0.0	1.8	*	0.0	3.2	*
Cholecystectomy	0									
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	199	8.5	8.7	2.4	14.1	13.8	2.6	18.6	18.2	2.8
CONDITIONS:										
Acute Myocardial Infarction	6	66.7	29.6	*	66.7	32.6	*	83.3	35.7	*
Congestive Heart Failure	14	7.1	16.8	*	28.6	25.7	*	35.7	33.0	*
Pneumonia/Influenza	13	15.4	17.9	*	23.1	24.1	*	23.1	29.2	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.0	*	0.0	10.4	*	0.0	14.2	*
Transient Cerebral Ischemia	7	0.0	2.5	*	0.0	5.8	*	0.0	9.6	*
Stroke	7	42.9	14.9	*	42.9	20.7	*	57.1	24.8	*
Hip Fracture	1	0.0	2.4	*	0.0	4.7	*	0.0	6.7	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.8	*	0.0	4.8	*	0.0	8.6	*
Cholecystectomy	2	0.0	1.1	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Osseo Area Hospital
and Nursing Home
674 EIGHTH STREET
OSSEO, WISCONSIN 54758
(715) 597-3121

December 11, 1990

Gail R. Wilensky
Department of Health and Human Services
Health Care Financing Administration
6325 Security Blvd.
Baltimore, MD 21207

Ref: Medicare Hospital Mortality Information
Osseo Area Municipal Hospital and Nursing Home

Dear Ms. Wilensky,

Information presented for the Osseo Area Municipal Hospital and Nursing Home represents mortality data from both the hospital and the nursing home. The data from the American Hospital Association's Survey of Hospitals indicates 117 beds for our total facility -- of which 34 are acute care hospital beds and 83 are long-term nursing home beds. In reviewing 1989 data, 9 deaths occurred in the hospital, 16 deaths occurred in the nursing home, and 11 deaths occurred at some other location. As a rural health care provider of primary health care services many patients with secondary and tertiary acute health care needs are transferred to more appropriate health care settings. These factors are extremely important when considering mortality data. When made public this information should also be published to clarify the characteristics of our setting.

Sincerely,

Jim Sokup

Jim Sokup
Administrator

pm

PRAIRIE DU CHIEN MEMORIAL HOSPITAL

705 East Taylor Street
Prairie Du Chien, WI 53821

Medicare Provider Number: 520134

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	464	12.7	11.3	2.4	17.2	16.2	2.5	20.0	20.2	2.3
CONDITIONS:										
Acute Myocardial Infarction	16	50.0	27.8	*	56.3	31.2	*	56.3	34.6	*
Congestive Heart Failure	27	22.2	18.5	*	33.3	28.3	*	37.0	35.8	*
Pneumonia/Influenza	40	15.0	18.9	*	25.0	25.8	*	32.5	31.0	*
Chronic Obstructive Pulmonary Disease	12	0.0	9.0	*	8.3	15.3	*	16.7	20.7	*
Transient Cerebral Ischemia	10	10.0	1.8	*	10.0	4.1	*	10.0	6.6	*
Stroke	16	18.8	22.7	*	31.3	29.5	*	37.5	34.4	*
Hip Fracture	7	14.3	7.5	*	28.6	13.4	*	28.6	17.1	*
Sepsis	24	29.2	28.5	*	29.2	36.4	*	29.2	42.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	1.5	*	0.0	3.2	*	0.0	5.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	5.1	*	20.0	9.4	*	20.0	12.1	*
Open Reduction of Hip Fracture	3	0.0	7.6	*	33.3	14.1	*	33.3	18.3	*
Prostatectomy	1	100.0	0.7	*	100.0	1.8	*	100.0	3.2	*
Cholecystectomy	6	0.0	9.9	*	16.7	16.0	*	16.7	18.4	*
Hysterectomy	5	0.0	0.2	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	45
Occupancy Rate	69
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	40
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

PRAIRIE DU CHIEN MEMORIAL HOSPITAL

Medicare Provider Number: 520134

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	479	10.4	11.5	2.3	14.2	16.8	2.9	19.0	21.0	3.2
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	34.0	*	36.8	37.9	*	42.1	41.9	*
Congestive Heart Failure	36	8.3	16.7	*	13.9	26.0	*	22.2	33.5	*
Pneumonia/Influenza	44	9.1	17.5	*	15.9	23.6	*	25.0	28.5	*
Chronic Obstructive Pulmonary Disease	6	0.0	6.5	*	16.7	11.5	*	16.7	16.0	*
Transient Cerebral Ischemia	10	0.0	2.3	*	0.0	5.2	*	0.0	8.4	*
Stroke	21	42.9	22.5	*	52.4	29.3	*	57.1	34.3	*
Hip Fracture	12	8.3	5.4	*	8.3	9.5	*	8.3	12.3	*
Sepsis	4	25.0	32.2	*	25.0	38.4	*	25.0	42.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	11.1	4.5	*	11.1	8.2	*	11.1	10.6	*
Open Reduction of Hip Fracture	5	0.0	4.0	*	0.0	7.6	*	0.0	10.1	*
Prostatectomy	2	0.0	1.7	*	0.0	4.4	*	0.0	7.6	*
Cholecystectomy	2	0.0	2.2	*	0.0	4.7	*	0.0	6.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	440	11.4	11.4	1.8	15.5	17.0	2.7	18.9	21.4	3.5
CONDITIONS:										
Acute Myocardial Infarction	18	44.4	38.4	*	44.4	42.6	*	44.4	46.5	*
Congestive Heart Failure	21	9.5	16.0	*	14.3	24.2	*	19.0	31.2	*
Pneumonia/Influenza	32	15.6	19.1	*	18.8	26.1	*	25.0	31.6	*
Chronic Obstructive Pulmonary Disease	18	11.1	9.8	*	16.7	16.7	*	22.2	22.5	*
Transient Cerebral Ischemia	10	0.0	2.3	*	0.0	5.1	*	10.0	8.3	*
Stroke	12	8.3	21.3	*	8.3	28.4	*	16.7	33.6	*
Hip Fracture	4	0.0	6.4	*	0.0	12.0	*	0.0	15.9	*
Sepsis	2	50.0	52.0	*	50.0	58.2	*	100.0	65.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.7	*	0.0	7.2	*	0.0	9.7	*
Open Reduction of Hip Fracture	3	0.0	6.1	*	0.0	12.2	*	0.0	16.6	*
Prostatectomy	7	0.0	1.7	*	0.0	4.6	*	0.0	8.4	*
Cholecystectomy	4	0.0	1.6	*	0.0	2.4	*	0.0	3.0	*
Hysterectomy	4	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

REEDSBURG MEMORIAL HOSPITAL INC

2000 North Dewey Avenue
Reedsburg, WI 53959

Medicare Provider Number: 520042

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	349	10.9	9.1	2.0	14.9	13.9	2.0	17.5	17.8	2.1
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	31.2	*	45.5	35.4	*	45.5	39.1	*
Congestive Heart Failure	25	16.0	16.8	*	28.0	25.4	*	28.0	32.1	*
Pneumonia/Influenza	28	25.0	18.5	*	25.0	25.2	*	28.6	30.5	*
Chronic Obstructive Pulmonary Disease	7	28.6	6.9	*	42.9	11.5	*	42.9	15.9	*
Transient Cerebral Ischemia	9	11.1	2.5	*	11.1	5.6	*	11.1	9.2	*
Stroke	17	17.6	19.6	*	29.4	27.3	*	35.3	32.0	*
Hip Fracture	9	11.1	5.5	*	11.1	10.2	*	11.1	13.6	*
Sepsis	5	20.0	29.7	*	40.0	34.1	*	40.0	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	3.9	*	12.5	7.6	*	12.5	10.4	*
Open Reduction of Hip Fracture	4	0.0	3.9	*	0.0	7.4	*	0.0	10.0	*
Prostatectomy	12	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	1	0.0	2.7	*	0.0	5.9	*	0.0	8.3	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	80
Occupancy Rate	96
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	33
Licensed Practical Nurses	8

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

REEDSBURG MEMORIAL HOSPITAL INC

Medicare Provider Number: 520042

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	359	8.6	8.8	1.5	12.0	13.2	2.3	15.3	16.7	2.3
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	23.6	*	33.3	28.1	*	40.0	32.2	*
Congestive Heart Failure	20	15.0	17.4	*	30.0	26.1	*	35.0	33.3	*
Pneumonia/Influenza	19	15.8	22.3	*	21.1	30.0	*	26.3	35.3	*
Chronic Obstructive Pulmonary Disease	7	28.6	7.3	*	28.6	11.9	*	28.6	16.0	*
Transient Cerebral Ischemia	4	0.0	1.9	*	0.0	3.9	*	0.0	6.1	*
Stroke	15	20.0	17.7	*	26.7	25.6	*	46.7	30.5	*
Hip Fracture	7	0.0	5.1	*	0.0	9.6	*	14.3	12.6	*
Sepsis	6	33.3	26.4	*	33.3	32.6	*	33.3	37.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.8	*	0.0	9.3	*	0.0	12.3	*
Open Reduction of Hip Fracture	4	0.0	4.4	*	0.0	8.8	*	25.0	11.8	*
Prostatectomy	11	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy	9	0.0	2.8	*	0.0	5.1	*	0.0	6.3	*
Hysterectomy	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	369	9.5	9.6	1.5	13.0	14.6	2.1	14.9	18.2	2.5
CONDITIONS:										
Acute Myocardial Infarction	10	50.0	19.4	*	70.0	22.9	*	80.0	26.4	*
Congestive Heart Failure	21	0.0	15.5	*	4.8	23.1	*	4.8	29.6	*
Pneumonia/Influenza	19	15.8	21.6	*	21.1	28.7	*	26.3	34.4	*
Chronic Obstructive Pulmonary Disease	3	33.3	7.6	*	33.3	12.7	*	33.3	16.8	*
Transient Cerebral Ischemia	5	0.0	2.3	*	0.0	5.1	*	0.0	8.4	*
Stroke	15	20.0	24.4	*	26.7	31.7	*	26.7	36.3	*
Hip Fracture	8	25.0	6.9	*	37.5	12.2	*	37.5	15.5	*
Sepsis	3	33.3	60.7	*	33.3	74.1	*	66.7	80.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	3.1	*	25.0	6.0	*	25.0	8.0	*
Open Reduction of Hip Fracture	3	33.3	7.7	*	33.3	13.7	*	33.3	17.2	*
Prostatectomy	13	0.0	1.1	*	0.0	2.6	*	0.0	4.4	*
Cholecystectomy	6	0.0	2.0	*	0.0	3.7	*	0.0	4.7	*
Hysterectomy	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RIPON MEMORIAL HOSPITAL INC

933 Newbury St
Ripon, WI 54971

Medicare Provider Number: 520090

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	338	9.2	9.0	2.2	12.4	13.7	2.0	14.5	17.5	2.7
CONDITIONS:										
Acute Myocardial Infarction	9	55.6	30.9	*	55.6	33.8	*	55.6	37.1	*
Congestive Heart Failure	17	11.8	11.6	*	17.6	17.7	*	17.6	23.3	*
Pneumonia/Influenza	32	9.4	12.9	*	12.5	17.8	*	18.8	21.8	*
Chronic Obstructive Pulmonary Disease	3	33.3	5.7	*	33.3	12.0	*	66.7	17.8	*
Transient Cerebral Ischemia	6	0.0	1.9	*	0.0	4.1	*	0.0	6.6	*
Stroke	11	27.3	20.4	*	36.4	27.6	*	36.4	32.5	*
Hip Fracture	12	0.0	8.6	*	0.0	15.2	*	8.3	19.6	*
Sepsis	4	50.0	32.8	*	75.0	42.1	*	75.0	47.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	3.7	*	0.0	7.0	*	0.0	9.5	*
Open Reduction of Hip Fracture	4	0.0	10.9	*	0.0	19.4	*	0.0	24.5	*
Prostatectomy	12	0.0	0.6	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy	10	10.0	5.1	*	10.0	10.7	*	10.0	15.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	38
Occupancy Rate	40
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	44
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	31
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RIPON MEMORIAL HOSPITAL INC

Medicare Provider Number: 520090

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	331	9.1	9.3	1.7	14.2	14.3	2.2	17.8	18.4	2.3
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	27.1	*	25.0	30.5	*	25.0	33.6	*
Congestive Heart Failure	21	14.3	16.9	*	19.0	25.7	*	38.1	32.7	*
Pneumonia/Influenza	28	25.0	15.6	*	28.6	21.1	*	28.6	25.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	4.6	*	0.0	8.7	*	0.0	12.4	*
Transient Cerebral Ischemia	2	50.0	2.2	*	50.0	4.9	*	50.0	8.0	*
Stroke	10	10.0	23.8	*	30.0	30.3	*	30.0	35.1	*
Hip Fracture	15	0.0	5.3	*	6.7	9.8	*	13.3	12.8	*
Sepsis	1	0.0	29.4	*	0.0	35.0	*	0.0	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	4.5	*	0.0	8.9	*	0.0	12.0	*
Open Reduction of Hip Fracture	6	0.0	5.6	*	16.7	10.8	*	33.3	14.1	*
Prostatectomy	11	0.0	3.4	*	0.0	5.1	*	0.0	7.1	*
Cholecystectomy	14	0.0	3.7	*	0.0	7.8	*	0.0	11.3	*
Hysterectomy	2	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	352	10.2	10.5	2.2	14.5	15.5	2.8	19.3	19.4	2.7
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	31.3	*	45.5	34.0	*	45.5	37.3	*
Congestive Heart Failure	20	15.0	17.1	*	25.0	25.3	*	25.0	32.3	*
Pneumonia/Influenza	26	11.5	22.1	*	19.2	29.7	*	38.5	35.5	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	10	0.0	1.8	*	20.0	3.7	*	30.0	5.7	*
Stroke	12	33.3	23.8	*	50.0	32.0	*	50.0	37.2	*
Hip Fracture	12	25.0	5.8	*	25.0	10.7	*	25.0	14.1	*
Sepsis	4	0.0	32.7	*	25.0	38.8	*	25.0	44.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.6	*	0.0	9.2	*	0.0	12.5	*
Open Reduction of Hip Fracture	8	25.0	5.6	*	25.0	10.7	*	25.0	14.2	*
Prostatectomy	10	0.0	1.3	*	0.0	3.3	*	0.0	5.4	*
Cholecystectomy	10	10.0	1.8	*	10.0	3.0	*	10.0	3.9	*
Hysterectomy	6	0.0	1.2	*	0.0	2.5	*	0.0	3.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RIVER FALLS AREA HOSPITAL INC

550 N Main Street
River Falls, WI 54022

Medicare Provider Number: 520010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	283	12.4	8.9	2.2	15.9	13.5	2.3	17.3	17.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	25.5	*	12.5	28.4	*	12.5	31.5	*
Congestive Heart Failure	14	35.7	16.8	*	42.9	25.2	*	42.9	32.4	*
Pneumonia/Influenza	12	16.7	18.5	*	25.0	24.9	*	25.0	30.1	*
Chronic Obstructive Pulmonary Disease	6	16.7	12.1	*	16.7	18.1	*	33.3	23.2	*
Transient Cerebral Ischemia	6	0.0	2.6	*	0.0	5.7	*	0.0	9.2	*
Stroke	12	58.3	23.7	*	58.3	30.1	*	58.3	34.8	*
Hip Fracture	18	22.2	9.8	*	27.8	17.4	*	27.8	22.3	*
Sepsis	1	0.0	16.9	*	0.0	25.2	*	0.0	31.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	7.0	*	0.0	13.4	*	0.0	17.6	*
Open Reduction of Hip Fracture	4	25.0	9.8	*	25.0	18.2	*	25.0	23.6	*
Prostatectomy	6	0.0	0.7	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy	2	0.0	1.6	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy	2	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	105
Occupancy Rate	75
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	19
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RIVER FALLS AREA HOSPITAL INC

Medicare Provider Number: 520010

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	298	12.4	9.1	2.5	16.8	13.8	2.6	19.1	17.5	2.6
CONDITIONS:										
Acute Myocardial Infarction	7	28.6	27.6	*	28.6	30.3	*	28.6	33.4	*
Congestive Heart Failure	18	27.8	19.1	*	33.3	28.7	*	38.9	36.2	*
Pneumonia/Influenza	12	25.0	21.3	*	33.3	27.9	*	41.7	33.1	*
Chronic Obstructive Pulmonary Disease	6	0.0	13.2	*	16.7	19.5	*	33.3	25.0	*
Transient Cerebral Ischemia	4	0.0	2.2	*	0.0	5.1	*	0.0	7.9	*
Stroke	12	50.0	24.5	*	50.0	31.2	*	50.0	36.3	*
Hip Fracture	18	22.2	7.0	*	27.8	13.3	*	27.8	17.5	*
Sepsis	1	100.0	33.6	*	100.0	40.5	*	100.0	47.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	13.3	3.0	*	13.3	6.1	*	13.3	8.4	*
Open Reduction of Hip Fracture	2	0.0	5.7	*	0.0	10.8	*	0.0	14.1	*
Prostatectomy	9	11.1	0.6	*	11.1	1.5	*	11.1	2.5	*
Cholecystectomy	1	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*
Hysterectomy	3	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	279	13.6	10.1	2.8	16.5	14.7	2.6	20.1	18.5	2.6
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	24.8	*	33.3	27.4	*	40.0	30.4	*
Congestive Heart Failure	17	41.2	16.5	*	47.1	24.9	*	52.9	32.0	*
Pneumonia/Influenza	14	21.4	19.8	*	21.4	26.2	*	21.4	31.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	8.2	*	0.0	13.6	*	25.0	18.6	*
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	4.0	*	0.0	6.3	*
Stroke	11	27.3	25.8	*	36.4	32.8	*	54.5	37.8	*
Hip Fracture	9	22.2	8.6	*	22.2	14.5	*	22.2	18.5	*
Sepsis	2	50.0	64.0	*	50.0	77.7	*	50.0	86.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	15.4	5.4	*	15.4	9.3	*	15.4	11.8	*
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.7	*	0.0	1.8	*	0.0	3.3	*
Cholecystectomy	4	0.0	0.9	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RIVERSIDE MEDICAL CENTER

800 Riverside Dr
Waupaca, WI 54981

Medicare Provider Number: 520154

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	593	12.0	11.8	1.3	17.5	17.6	1.6	21.6	22.0	1.8
CONDITIONS:										
Acute Myocardial Infarction	19	10.5	24.2	*	15.8	27.4	*	26.3	30.9	*
Congestive Heart Failure	47	14.9	18.8	*	25.5	28.8	*	31.9	36.4	*
Pneumonia/Influenza	76	23.7	19.5	5.8	26.3	26.5	6.8	34.2	31.8	7.5
Chronic Obstructive Pulmonary Disease	1	0.0	3.7	*	0.0	7.4	*	0.0	11.0	*
Transient Cerebral Ischemia	11	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke	31	25.8	20.9	*	35.5	29.5	*	35.5	34.4	*
Hip Fracture	35	8.6	7.5	*	17.1	13.5	*	20.0	17.5	*
Sepsis	8	37.5	26.8	*	50.0	36.2	*	50.0	42.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	11.1	5.8	*	16.7	10.7	*	22.2	14.0	*
Open Reduction of Hip Fracture	16	6.3	7.8	*	18.8	14.6	*	18.8	19.3	*
Prostatectomy	25	0.0	0.9	*	4.0	2.3	*	8.0	4.0	*
Cholecystectomy	4	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy	5	0.0	0.4	*	0.0	0.8	*	20.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	48
Occupancy Rate	46
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	15
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	49
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RIVERSIDE MEDICAL CENTER

Medicare Provider Number: 520154

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	689	14.8	10.9	2.0	19.4	16.4	2.0	23.1	20.8	1.7
CONDITIONS:										
Acute Myocardial Infarction	18	38.9	34.0	*	38.9	38.1	*	38.9	41.7	*
Congestive Heart Failure	47	14.9	18.3	*	23.4	27.6	*	31.9	34.9	*
Pneumonia/Influenza	80	26.2	20.3	6.8	32.5	27.2	6.7	40.0	32.5	7.9
Chronic Obstructive Pulmonary Disease	7	0.0	9.2	*	14.3	16.2	*	14.3	22.1	*
Transient Cerebral Ischemia	11	9.1	2.8	*	9.1	6.5	*	9.1	10.3	*
Stroke	31	25.8	23.5	*	25.8	31.1	*	29.0	35.9	*
Hip Fracture	27	18.5	6.3	*	22.2	11.6	*	22.2	15.1	*
Sepsis	8	37.5	33.4	*	37.5	41.3	*	50.0	48.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	5.0	*	9.1	9.8	*	9.1	13.1	*
Open Reduction of Hip Fracture	13	23.1	5.6	*	30.8	10.4	*	30.8	13.6	*
Prostatectomy	29	6.9	1.0	*	10.3	2.7	*	13.8	4.8	*
Cholecystectomy	7	0.0	1.8	*	0.0	3.5	*	0.0	4.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	628	15.1	10.8	2.6	18.8	16.0	2.0	23.1	20.1	2.2
CONDITIONS:										
Acute Myocardial Infarction	24	20.8	27.7	*	25.0	31.5	*	29.2	35.5	*
Congestive Heart Failure	34	26.5	17.4	*	38.2	26.1	*	38.2	33.2	*
Pneumonia/Influenza	79	15.2	16.8	5.9	20.3	22.6	6.4	27.8	27.5	5.3
Chronic Obstructive Pulmonary Disease	4	0.0	11.9	*	0.0	18.2	*	25.0	22.6	*
Transient Cerebral Ischemia	7	0.0	1.6	*	14.3	3.6	*	14.3	5.7	*
Stroke	29	24.1	18.0	*	24.1	26.6	*	27.6	31.7	*
Hip Fracture	34	8.8	6.5	*	11.8	11.9	*	11.8	15.6	*
Sepsis	4	0.0	23.9	*	0.0	30.7	*	0.0	35.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	4.0	*	0.0	7.8	*	0.0	10.7	*
Open Reduction of Hip Fracture	22	13.6	6.4	*	18.2	12.1	*	18.2	16.0	*
Prostatectomy	23	0.0	0.6	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy	7	0.0	4.3	*	0.0	8.5	*	0.0	11.8	*
Hysterectomy	1	0.0	1.3	*	0.0	2.6	*	100.0	3.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RIVERVIEW HOSPITAL ASSOCIATION

410 Dewey Street-P O Box 8080
Wisconsin Rapids, WI 54495

Medicare Provider Number: 520033

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	845	9.1	10.3	1.2	14.4	15.2	1.4	18.2	18.9	1.5
CONDITIONS:										
Acute Myocardial Infarction	35	17.1	26.8	*	22.9	30.0	*	25.7	33.2	*
Congestive Heart Failure	67	9.0	17.3	7.4	23.9	25.8	6.4	34.3	32.7	6.0
Pneumonia/Influenza	40	10.0	19.3	*	22.5	26.3	*	30.0	31.4	*
Chronic Obstructive Pulmonary Disease	11	9.1	3.4	*	9.1	6.5	*	9.1	9.4	*
Transient Cerebral Ischemia	12	8.3	1.5	*	8.3	3.3	*	8.3	5.2	*
Stroke	50	20.0	21.4	*	24.0	29.2	*	24.0	33.9	*
Hip Fracture	30	0.0	6.9	*	3.3	12.5	*	3.3	16.3	*
Sepsis	12	8.3	26.7	*	16.7	34.0	*	33.3	40.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	4.3	*	33.3	9.3	*	33.3	14.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	0.0	2.7	*	0.0	5.1	*	0.0	6.8	*
Open Reduction of Hip Fracture	14	0.0	5.9	*	0.0	11.1	*	0.0	14.6	*
Prostatectomy	36	0.0	0.9	*	5.6	2.2	*	8.3	3.6	*
Cholecystectomy	24	0.0	2.6	*	4.2	5.0	*	8.3	6.9	*
Hysterectomy	11	0.0	2.1	*	0.0	4.0	*	0.0	5.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	199
Occupancy Rate	52
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	41
Percent of Physicians Board Certified Specialists	66
Medical Residents/Interns	0
Registered Nurses	72
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RIVERVIEW HOSPITAL ASSOCIATION

Medicare Provider Number: 520033

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	804	10.1	10.6	1.2	14.6	15.4	1.7	18.3	19.1	1.6
CONDITIONS:										
Acute Myocardial Infarction	42	35.7	32.0	*	38.1	35.9	*	42.9	39.6	*
Congestive Heart Failure	58	15.5	18.0	6.4	20.7	26.9	9.1	29.3	34.0	12.0
Pneumonia/Influenza	41	19.5	19.3	*	24.4	25.9	*	26.8	30.9	*
Chronic Obstructive Pulmonary Disease	6	16.7	5.3	*	16.7	11.1	*	33.3	16.5	*
Transient Cerebral Ischemia	9	0.0	2.7	*	0.0	6.0	*	0.0	9.6	*
Stroke	37	21.6	21.1	*	29.7	28.3	*	40.5	33.1	*
Hip Fracture	33	9.1	7.5	*	9.1	13.3	*	15.2	17.0	*
Sepsis	14	14.3	30.5	*	35.7	36.4	*	42.9	42.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	23	13.0	3.9	*	13.0	7.3	*	17.4	9.5	*
Open Reduction of Hip Fracture	13	7.7	8.4	*	7.7	15.4	*	7.7	19.8	*
Prostatectomy	31	0.0	0.8	*	0.0	2.0	*	0.0	3.4	*
Cholecystectomy	17	5.9	5.0	*	5.9	8.6	*	5.9	10.9	*
Hysterectomy	7	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	794	9.6	9.9	1.8	13.7	14.5	2.2	16.5	18.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	45	24.4	29.2	*	33.3	32.4	*	33.3	35.7	*
Congestive Heart Failure	50	12.0	16.3	*	22.0	24.4	*	32.0	31.3	*
Pneumonia/Influenza	32	12.5	16.2	*	15.6	22.1	*	18.8	26.7	*
Chronic Obstructive Pulmonary Disease	12	33.3	8.4	*	41.7	15.3	*	50.0	21.0	*
Transient Cerebral Ischemia	4	0.0	2.1	*	0.0	4.3	*	0.0	6.8	*
Stroke	41	24.4	23.0	*	29.3	31.1	*	36.6	36.0	*
Hip Fracture	31	0.0	7.7	*	3.2	13.2	*	6.5	16.7	*
Sepsis	12	0.0	23.0	*	25.0	30.6	*	33.3	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	0.0	3.9	*	0.0	7.0	*	0.0	9.0	*
Open Reduction of Hip Fracture	21	0.0	6.9	*	4.8	12.2	*	9.5	15.6	*
Prostatectomy	34	0.0	0.8	*	2.9	1.9	*	2.9	3.4	*
Cholecystectomy	33	0.0	2.3	*	3.0	4.1	*	3.0	5.5	*
Hysterectomy	5	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

RUSK COUNTY MEMORIAL HOSPITAL

900 College Ave West
Ladysmith, WI 54848

Medicare Provider Number: 520039

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	387	12.1	10.8	2.2	16.8	15.6	3.5	22.5	19.4	3.4
CONDITIONS:										
Acute Myocardial Infarction	29	27.6	28.5	*	31.0	32.1	*	34.5	35.8	*
Congestive Heart Failure	32	25.0	13.2	*	28.1	21.2	*	34.4	28.0	*
Pneumonia/Influenza	26	26.9	19.0	*	38.5	26.0	*	38.5	31.3	*
Chronic Obstructive Pulmonary Disease	7	0.0	11.1	*	14.3	18.5	*	28.6	24.4	*
Transient Cerebral Ischemia	4	0.0	1.9	*	0.0	4.2	*	0.0	6.8	*
Stroke	18	11.1	22.5	*	27.8	29.6	*	50.0	34.7	*
Hip Fracture	1	0.0	3.0	*	0.0	5.6	*	0.0	8.0	*
Sepsis	2	0.0	17.1	*	0.0	21.0	*	0.0	25.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	9	0.0	0.5	*	0.0	1.3	*	11.1	2.3	*
Cholecystectomy	9	11.1	1.3	*	11.1	2.0	*	11.1	2.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	158
Occupancy Rate	72
Ownership/Control	Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

RUSK COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 520039

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	349	10.9	10.1	1.8	14.6	15.2	2.3	16.9	19.1	2.4
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	30.7	*	31.3	35.0	*	31.3	38.7	*
Congestive Heart Failure	31	12.9	14.5	*	16.1	22.2	*	29.0	28.7	*
Pneumonia/Influenza	22	22.7	17.2	*	27.3	23.4	*	27.3	28.4	*
Chronic Obstructive Pulmonary Disease	4	50.0	7.8	*	50.0	15.0	*	50.0	21.7	*
Transient Cerebral Ischemia	5	0.0	1.3	*	0.0	2.8	*	20.0	4.3	*
Stroke	14	35.7	22.6	*	50.0	29.4	*	57.1	34.2	*
Hip Fracture	0									
Sepsis	1	100.0	31.8	*	100.0	52.7	*	100.0	63.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy	7	0.0	0.9	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	340	9.4	9.3	1.6	11.8	14.0	2.2	15.3	17.9	2.5
CONDITIONS:										
Acute Myocardial Infarction	12	25.0	37.2	*	25.0	41.2	*	41.7	45.3	*
Congestive Heart Failure	19	21.1	16.8	*	26.3	26.0	*	26.3	33.6	*
Pneumonia/Influenza	16	6.3	17.5	*	12.5	23.7	*	12.5	28.9	*
Chronic Obstructive Pulmonary Disease	5	20.0	9.6	*	20.0	17.9	*	40.0	24.8	*
Transient Cerebral Ischemia	8	0.0	2.2	*	0.0	4.9	*	0.0	8.0	*
Stroke	10	10.0	21.2	*	20.0	27.9	*	20.0	32.9	*
Hip Fracture	1	0.0	7.9	*	0.0	12.0	*	0.0	14.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	7	0.0	0.6	*	0.0	1.5	*	0.0	2.4	*
Cholecystectomy	8	0.0	2.1	*	0.0	3.4	*	0.0	4.2	*
Hysterectomy	3	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SACRED HEART HOSPITAL

900 W Clairemont Ave
Eau Claire, WI 54701

Medicare Provider Number: 520013

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,209	7.1	7.6	0.9	11.1	11.7	1.3	13.7	15.0	1.6
CONDITIONS:										
Acute Myocardial Infarction	70	15.7	23.7	6.8	20.0	27.4	6.9	21.4	31.0	8.1
Congestive Heart Failure	67	11.9	14.0	5.2	14.9	21.3	8.7	22.4	27.6	9.9
Pneumonia/Influenza	76	10.5	14.6	5.6	17.1	19.9	5.7	19.7	24.3	8.1
Chronic Obstructive Pulmonary Disease	21	19.0	5.8	*	33.3	11.1	*	33.3	15.9	*
Transient Cerebral Ischemia	33	3.0	1.9	*	3.0	4.2	*	3.0	6.8	*
Stroke	112	17.0	23.7	6.2	24.1	30.3	6.4	26.8	35.0	7.8
Hip Fracture	53	5.7	6.0	3.4	9.4	10.9	5.3	13.2	14.3	5.0
Sepsis	12	25.0	25.9	*	33.3	34.4	*	33.3	40.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	4.5	*	0.0	8.0	*	0.0	10.9	*
Carotid Endarterectomy	16	0.0	1.4	*	6.3	2.5	*	6.3	3.8	*
Hip Replacement/Reconstruction	55	1.8	2.3	3.7	7.3	4.7	3.5	12.7	6.7	4.4
Open Reduction of Hip Fracture	15	6.7	4.9	*	6.7	9.0	*	6.7	11.8	*
Prostatectomy	72	0.0	0.8	1.3	1.4	2.1	2.3	1.4	3.6	3.7
Cholecystectomy	23	0.0	1.5	*	4.3	2.7	*	4.3	3.6	*
Hysterectomy	19	5.3	0.5	*	5.3	1.2	*	5.3	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	321
Occupancy Rate	47
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	147
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	0
Registered Nurses	200
Licensed Practical Nurses	42

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SACRED HEART HOSPITAL

Medicare Provider Number: 520013

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,270	7.8	8.1	0.7	11.5	12.5	0.9	14.3	16.0	1.1
CONDITIONS:										
Acute Myocardial Infarction	70	28.6	24.6	8.0	32.9	28.6	6.9	34.3	32.5	5.8
Congestive Heart Failure	87	12.6	15.0	4.1	13.8	23.1	6.1	23.0	29.7	5.9
Pneumonia/Influenza	58	15.5	15.9	4.8	22.4	21.4	5.5	25.9	25.7	5.9
Chronic Obstructive Pulmonary Disease	19	10.5	7.8	*	26.3	14.7	*	36.8	21.0	*
Transient Cerebral Ischemia	41	7.3	1.9	*	7.3	4.1	*	9.8	6.5	*
Stroke	114	13.2	19.7	4.8	16.7	25.6	5.7	17.5	30.0	6.9
Hip Fracture	71	7.0	6.4	4.6	12.7	11.6	5.3	16.9	15.1	5.2
Sepsis	19	15.8	21.6	*	21.1	29.1	*	21.1	34.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	4.1	*	0.0	8.1	*	0.0	11.5	*
Carotid Endarterectomy	18	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	46	2.2	3.5	*	13.0	6.9	*	13.0	9.3	*
Open Reduction of Hip Fracture	27	0.0	5.4	*	0.0	10.5	*	7.4	14.1	*
Prostatectomy	62	3.2	2.1	2.1	4.8	4.3	2.8	8.1	6.6	3.6
Cholecystectomy	28	0.0	3.9	*	0.0	6.6	*	3.6	8.5	*
Hysterectomy	20	0.0	0.7	*	0.0	1.5	*	5.0	2.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,164	7.3	8.3	0.6	10.6	12.8	0.9	13.1	16.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	60	28.3	27.0	5.8	30.0	30.5	6.0	31.7	33.9	7.0
Congestive Heart Failure	75	12.0	16.3	5.8	18.7	24.6	8.6	22.7	31.5	11.3
Pneumonia/Influenza	51	7.8	16.3	9.6	13.7	22.1	11.3	19.6	26.8	10.5
Chronic Obstructive Pulmonary Disease	13	15.4	7.3	*	15.4	14.1	*	15.4	19.6	*
Transient Cerebral Ischemia	39	0.0	1.9	*	5.1	4.2	*	5.1	6.8	*
Stroke	115	18.3	21.1	4.0	20.9	27.2	5.1	22.6	31.7	6.2
Hip Fracture	53	5.7	7.1	3.7	11.3	13.0	5.1	13.2	17.0	7.2
Sepsis	22	13.6	22.7	*	22.7	30.2	*	27.3	35.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	5.6	3.6	*	5.6	6.7	*	5.6	9.4	*
Carotid Endarterectomy	18	5.6	1.8	*	5.6	3.4	*	11.1	5.0	*
Hip Replacement/Reconstruction	53	3.8	2.9	2.4	5.7	5.5	3.6	5.7	7.3	4.2
Open Reduction of Hip Fracture	19	5.3	6.9	*	15.8	12.9	*	15.8	16.9	*
Prostatectomy	76	1.3	1.1	1.2	3.9	2.8	2.1	5.3	4.7	2.8
Cholecystectomy	34	5.9	3.0	*	8.8	5.9	*	8.8	8.0	*
Hysterectomy	21	0.0	0.3	*	4.8	0.6	*	4.8	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SACRED HEART HOSPITAL

216 North 7th St
Tomahawk, WI 54487

Medicare Provider Number: 520029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	265	10.9	10.9	2.0	17.0	15.4	2.6	19.2	19.2	3.3
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	31.8	*	25.0	35.4	*	25.0	39.3	*
Congestive Heart Failure	16	0.0	12.8	*	12.5	19.8	*	18.8	25.9	*
Pneumonia/Influenza	14	28.6	15.0	*	28.6	20.3	*	28.6	24.7	*
Chronic Obstructive Pulmonary Disease	6	0.0	7.0	*	16.7	11.3	*	16.7	15.4	*
Transient Cerebral Ischemia	2	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke	15	13.3	22.0	*	26.7	28.5	*	26.7	33.2	*
Hip Fracture	1	0.0	3.5	*	0.0	7.0	*	0.0	10.1	*
Sepsis	9	22.2	35.6	*	77.8	42.8	*	77.8	48.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	4.1	*	0.0	7.5	*	0.0	10.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.1	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	60
Ownership/Control	Church
STAFFING:	
Medical Residents/Interns	0
Registered Nurses	25
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice	Yes
Intensive Care Unit	No
Organ Transplant	No
Rehabilitation	No
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

SACRED HEART HOSPITAL

Medicare Provider Number: 520029

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	231	10.4	11.1	2.4	14.7	15.8	3.6	16.0	19.4	4.8
CONDITIONS:										
Acute Myocardial Infarction	14	0.0	32.7	*	0.0	36.1	*	0.0	39.8	*
Congestive Heart Failure	15	13.3	17.1	*	20.0	25.7	*	20.0	32.5	*
Pneumonia/Influenza	16	31.3	21.2	*	37.5	27.9	*	37.5	33.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	19.3	*	0.0	27.7	*	0.0	34.5	*
Transient Cerebral Ischemia	1	0.0	0.8	*	0.0	1.8	*	0.0	2.6	*
Stroke	9	11.1	21.3	*	22.2	27.3	*	33.3	32.1	*
Hip Fracture	1	0.0	3.2	*	0.0	5.7	*	0.0	7.5	*
Sepsis	3	0.0	17.5	*	0.0	22.2	*	0.0	26.9	*
PROCEDURE:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	216	10.6	9.6	3.3	15.3	13.7	3.0	18.1	17.0	3.0
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	41.5	*	33.3	45.4	*	33.3	50.1	*
Congestive Heart Failure	14	14.3	15.5	*	28.6	23.1	*	28.6	29.5	*
Pneumonia/Influenza	9	44.4	23.9	*	44.4	31.4	*	44.4	37.3	*
Chronic Obstructive Pulmonary Disease	5	0.0	10.0	*	0.0	16.4	*	0.0	21.5	*
Transient Cerebral Ischemia	0									
Stroke	8	25.0	22.0	*	50.0	27.9	*	50.0	32.9	*
Hip Fracture	1	0.0	5.9	*	0.0	12.3	*	0.0	17.1	*
Sepsis	2	0.0	12.2	*	0.0	16.1	*	0.0	20.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	0.9	*	0.0	2.5	*	0.0	4.3	*
Cholecystectomy	1	0.0	2.4	*	0.0	3.7	*	0.0	5.0	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SACRED HEART-SAINT MARY'S
HOSPITALS, INCORPORATED

A MEMBER OF MINISTRY CORPORATION
SISTERS OF THE SORROWFUL MOTHER

KEVIN J. O'DONNELL
PRESIDENT

January 14, 1991

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We appreciate the opportunity to study and respond to this mortality data. Each year as the methodology and report format change, it is a challenge for hospitals, government, journalists, and the public to understand and use the data responsibly.

Our hospital regards mortality data as one small part of our complex and comprehensive Quality Improvement Program. We currently monitor a number of outcome and process indicators in our hospital and medical staff departments. These are used to identify potential quality problems or opportunities to improve. In the review of deaths done monthly by each medical staff department, no significant quality of care problems have been identified to date. In addition, crude and adjusted inpatient mortality data are collected and submitted to the State of Wisconsin and, through our hospital's parent institution, Ministry Corporation (seven hospitals), to the Maryland Hospital Association to determine if it is valid to compare data between hospitals. In these other two studies, overall mortality rates for our hospital has been within the expected range for a hospital our size (2.0% for Sacred Heart Hospital).

With respect to this Medicare mortality data, we note that our hospital's patient load does not permit statistical analysis of most of the diagnostic groups, since there are fewer than 50 patients per group. We feel that the small difference between observed and predicted overall mortality is due to our highly specialized and competent medical staff who are able to care for very ill patients with complex problems.

SACRED HEART HOSPITAL
216 NORTH 7TH STREET
TOMAHAWK, WISCONSIN 54487-1496
715-453-7700

SAINT MARY'S HOSPITAL
1044 KABEL AVENUE
RHINELANDER, WISCONSIN 54501-3998
[illegible]

In fact, the severity of illness of individual patients is probably the single most important predictor of mortality. We need to ensure that the means used to predict mortality rates assess severity of illness as accurately as possible. This is very hard to do as noted in a recent study at the Mayo Clinic (Mayo Clinic Proceedings 65:1549-1557 and 1627-1629, 1990). This study was done in two hospitals in the same city, with the same doctors, and very standardized case management methods. The authors found that, even using a very sophisticated severity of illness scoring system, there were differences between actual and predicted mortality which were due to slight difference in the kinds of patients treated at the two hospitals, not due to quality of care differences.

Thus, we consider it still premature to draw scientifically based conclusions from mortality data or to compare mortality rates among hospitals. However, this information can and is being used within our institutions to further our understanding of quality care.

Sincerely,

Harry Skye

Harry Skye, M.D., Chairman
Quality Assurance Committee

Kevin J. O'Donnell, President and
Chief Executive Officer

KS/KJOD/rmt

SAUK PRAIRIE MEMORIAL HOSPITAL

80 1st St
Prairie Du Sac, WI 53578

Medicare Provider Number: 520095

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	413	7.3	6.6	1.5	11.1	10.4	1.6	13.3	13.8	1.7
CONDITIONS:										
Acute Myocardial Infarction	9	33.3	21.4	*	33.3	25.8	*	44.4	29.6	*
Congestive Heart Failure	22	18.2	14.3	*	27.3	22.1	*	36.4	28.9	*
Pneumonia/Influenza	15	13.3	15.2	*	20.0	20.7	*	26.7	25.2	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.9	*	0.0	10.1	*	0.0	14.0	*
Transient Cerebral Ischemia	2	0.0	4.3	*	0.0	11.4	*	0.0	19.7	*
Stroke	10	20.0	19.4	*	20.0	25.4	*	20.0	29.9	*
Hip Fracture	22	0.0	4.6	*	4.5	8.7	*	4.5	11.6	*
Sepsis	5	20.0	32.2	*	20.0	39.8	*	20.0	46.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	0.0	2.4	*	4.5	4.6	*	4.5	6.2	*
Open Reduction of Hip Fracture	9	0.0	4.0	*	0.0	7.7	*	0.0	10.5	*
Prostatectomy	35	2.9	0.9	*	8.6	2.2	*	8.6	3.7	*
Cholecystectomy	16	0.0	2.6	*	6.3	5.1	*	6.3	7.2	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	39
Occupancy Rate	49
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	18
Percent of Physicians Board Certified Specialists	94
Medical Residents/Interns	0
Registered Nurses	27
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SAUK PRAIRIE MEMORIAL HOSPITAL

Medicare Provider Number: 520095

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	438	8.0	7.1	2.3	12.1	11.2	2.0	14.6	14.4	1.9
CONDITIONS:										
Acute Myocardial Infarction	9	44.4	23.9	*	44.4	27.6	*	44.4	31.1	*
Congestive Heart Failure	20	5.0	15.9	*	10.0	23.8	*	15.0	30.5	*
Pneumonia/Influenza	22	9.1	14.8	*	13.6	20.1	*	22.7	24.3	*
Chronic Obstructive Pulmonary Disease	3	33.3	8.6	*	33.3	17.2	*	33.3	24.1	*
Transient Cerebral Ischemia	4	25.0	2.1	*	25.0	4.9	*	25.0	7.8	*
Stroke	15	20.0	17.0	*	20.0	23.1	*	20.0	27.6	*
Hip Fracture	20	5.0	5.7	*	15.0	10.7	*	15.0	14.0	*
Sepsis	5	20.0	29.2	*	20.0	36.1	*	20.0	42.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	4.5	3.4	*	4.5	6.4	*	4.5	8.5	*
Open Reduction of Hip Fracture	7	0.0	5.3	*	28.6	10.6	*	28.6	14.3	*
Prostatectomy	32	0.0	0.9	*	0.0	2.2	*	3.1	3.7	*
Cholecystectomy	12	0.0	2.6	*	8.3	4.7	*	8.3	6.1	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	380	4.7	7.0	1.8	8.9	11.0	2.0	13.4	14.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	8	12.5	24.3	*	25.0	28.2	*	37.5	31.8	*
Congestive Heart Failure	18	22.2	14.4	*	38.9	21.8	*	44.4	28.3	*
Pneumonia/Influenza	15	13.3	21.8	*	26.7	29.4	*	33.3	35.4	*
Chronic Obstructive Pulmonary Disease	6	0.0	12.4	*	33.3	22.3	*	50.0	29.3	*
Transient Cerebral Ischemia	1	0.0	1.5	*	0.0	3.3	*	0.0	5.3	*
Stroke	9	0.0	21.4	*	0.0	27.9	*	11.1	32.7	*
Hip Fracture	17	5.9	6.7	*	17.6	12.1	*	17.6	15.7	*
Sepsis	6	16.7	30.8	*	16.7	37.3	*	33.3	43.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	6.3	3.1	*	12.5	5.6	*	12.5	7.2	*
Open Reduction of Hip Fracture	10	0.0	5.6	*	10.0	11.1	*	10.0	15.0	*
Prostatectomy	30	0.0	1.3	*	3.3	3.3	*	3.3	5.6	*
Cholecystectomy	12	0.0	1.8	*	0.0	3.5	*	0.0	4.7	*
Hysterectomy	3	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SHAWANO COMMUNITY HOSPITAL

309 North Bartlette Street
Shawano, WI 54166

Medicare Provider Number: 520092

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	745	10.7	9.3	1.8	15.3	14.0	2.1	20.1	17.7	2.1
CONDITIONS:										
Acute Myocardial Infarction	35	37.1	26.3	*	40.0	29.6	*	42.9	33.0	*
Congestive Heart Failure	47	23.4	15.4	*	27.7	24.0	*	36.2	31.0	*
Pneumonia/Influenza	26	7.7	21.9	*	11.5	29.3	*	23.1	34.4	*
Chronic Obstructive Pulmonary Disease	10	0.0	8.0	*	0.0	12.7	*	0.0	16.8	*
Transient Cerebral Ischemia	14	0.0	1.8	*	0.0	3.8	*	0.0	6.1	*
Stroke	34	38.2	20.3	*	47.1	26.6	*	52.9	31.0	*
Hip Fracture	27	0.0	6.5	*	3.7	11.6	*	11.1	15.0	*
Sepsis	6	16.7	35.6	*	16.7	46.5	*	16.7	55.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	4.5	*	0.0	8.2	*	12.5	11.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	4.9	*	14.3	9.1	*	14.3	12.0	*
Open Reduction of Hip Fracture	16	0.0	6.8	*	0.0	12.6	*	12.5	16.4	*
Prostatectomy	38	2.6	1.0	*	5.3	2.6	*	7.9	4.5	*
Cholecystectomy	22	4.5	3.0	*	9.1	5.5	*	9.1	7.2	*
Hysterectomy	13	0.0	1.1	*	0.0	2.6	*	0.0	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	53
Occupancy Rate	45
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	26
Percent of Physicians Board Certified Specialists	54
Medical Residents/Interns	0
Registered Nurses	37
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SHAWANO COMMUNITY HOSPITAL

Medicare Provider Number: 520092

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	713	10.2	8.7	1.8	15.1	12.9	2.1	18.1	16.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	27	18.5	31.8	*	22.2	35.3	*	29.6	39.0	*
Congestive Heart Failure	54	9.3	16.1	6.0	29.6	24.6	7.7	31.5	31.4	7.1
Pneumonia/Influenza	27	7.4	14.1	*	11.1	19.0	*	14.8	22.9	*
Chronic Obstructive Pulmonary Disease	8	12.5	9.4	*	25.0	14.3	*	25.0	18.3	*
Transient Cerebral Ischemia	12	0.0	2.1	*	0.0	4.3	*	0.0	6.7	*
Stroke	42	33.3	25.1	*	33.3	31.3	*	33.3	35.8	*
Hip Fracture	20	10.0	5.6	*	15.0	10.4	*	20.0	13.7	*
Sepsis	4	25.0	18.3	*	25.0	23.7	*	25.0	28.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	2.4	*	10.0	5.2	*	10.0	8.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	4.7	*	11.1	9.7	*	11.1	13.3	*
Open Reduction of Hip Fracture	10	20.0	5.1	*	20.0	9.5	*	20.0	12.4	*
Prostatectomy	42	0.0	1.1	*	2.4	2.6	*	2.4	4.3	*
Cholecystectomy	19	5.3	2.6	*	5.3	5.2	*	5.3	7.1	*
Hysterectomy	8	0.0	1.6	*	0.0	3.1	*	0.0	4.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	675	10.1	10.0	2.5	16.6	14.6	2.0	19.0	18.2	1.7
CONDITIONS:										
Acute Myocardial Infarction	31	25.8	29.2	*	25.8	32.7	*	32.3	36.1	*
Congestive Heart Failure	57	15.8	16.8	5.0	22.8	25.1	6.8	28.1	31.9	7.6
Pneumonia/Influenza	12	16.7	15.2	*	33.3	20.5	*	33.3	24.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	9.5	*	50.0	17.9	*	50.0	24.8	*
Transient Cerebral Ischemia	16	0.0	2.6	*	6.3	6.0	*	6.3	9.7	*
Stroke	42	33.3	22.6	*	40.5	28.9	*	42.9	33.3	*
Hip Fracture	23	0.0	6.7	*	21.7	12.5	*	21.7	16.4	*
Sepsis	2	0.0	15.6	*	0.0	19.6	*	0.0	23.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.6	*	0.0	6.2	*	0.0	8.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	5.1	*	33.3	10.0	*	33.3	13.4	*
Open Reduction of Hip Fracture	14	0.0	6.5	*	14.3	12.6	*	14.3	16.9	*
Prostatectomy	35	2.9	1.1	*	5.7	2.9	*	5.7	4.8	*
Cholecystectomy	24	0.0	1.9	*	0.0	3.4	*	0.0	4.5	*
Hysterectomy	8	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SHEBOYGAN MEMORIAL MEDICAL CENTER

2629 N 7th St
Sheboygan, WI 53083

Medicare Provider Number: 520035

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,192	9.8	8.4	1.1	14.7	12.7	1.4	16.9	16.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	33	30.3	31.1	*	39.4	34.7	*	39.4	38.5	*
Congestive Heart Failure	56	12.5	15.1	5.4	21.4	23.2	6.3	21.4	29.9	8.5
Pneumonia/Influenza	50	14.0	20.0	*	20.0	26.8	*	24.0	32.0	*
Chronic Obstructive Pulmonary Disease	2	0.0	3.6	*	0.0	7.0	*	0.0	10.4	*
Transient Cerebral Ischemia	19	5.3	2.2	*	5.3	5.1	*	15.8	8.2	*
Stroke	42	31.0	21.0	*	40.5	27.6	*	42.9	32.2	*
Hip Fracture	44	4.5	7.1	*	9.1	12.1	*	11.4	15.2	*
Sepsis	12	41.7	28.0	*	41.7	34.3	*	50.0	40.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	7.7	3.9	*	7.7	8.1	*	7.7	12.0	*
Carotid Endarterectomy	2	0.0	1.6	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	29	0.0	3.4	*	3.4	6.0	*	3.4	7.7	*
Open Reduction of Hip Fracture	26	7.7	6.4	*	11.5	11.5	*	11.5	14.6	*
Prostatectomy	62	1.6	0.6	1.3	1.6	1.5	2.2	4.8	2.6	3.7
Cholecystectomy	36	8.3	2.9	*	13.9	5.2	*	19.4	7.0	*
Hysterectomy	11	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	130
Occupancy Rate	67
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	95
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	0
Registered Nurses	118
Licensed Practical Nurses	28

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SHEBOYGAN MEMORIAL MEDICAL CENTER

Medicare Provider Number: 520035

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,145	9.2	8.5	0.9	12.5	12.7	1.0	14.9	16.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	37	18.9	32.3	*	24.3	35.5	*	27.0	39.0	*
Congestive Heart Failure	52	9.6	15.8	8.6	15.4	24.0	11.6	21.2	30.8	12.3
Pneumonia/Influenza	41	24.4	18.4	*	29.3	24.6	*	39.0	29.5	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.7	*	0.0	13.6	*	0.0	18.3	*
Transient Cerebral Ischemia	15	0.0	2.5	*	0.0	5.5	*	6.7	8.8	*
Stroke	41	36.6	25.4	*	43.9	32.3	*	48.8	37.2	*
Hip Fracture	23	17.4	8.0	*	17.4	14.4	*	26.1	18.4	*
Sepsis	7	28.6	32.8	*	42.9	41.2	*	42.9	48.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	4.1	*	0.0	7.3	*	7.7	10.2	*
Carotid Endarterectomy	4	0.0	1.3	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	20	10.0	3.0	*	10.0	5.6	*	10.0	7.3	*
Open Reduction of Hip Fracture	15	6.7	6.2	*	6.7	11.5	*	20.0	15.0	*
Prostatectomy	63	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy	33	6.1	1.9	*	6.1	3.6	*	9.1	4.8	*
Hysterectomy	18	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,101	9.8	7.9	1.2	14.4	12.1	1.4	16.5	15.6	1.4
CONDITIONS:										
Acute Myocardial Infarction	23	30.4	31.1	*	39.1	35.0	*	39.1	38.6	*
Congestive Heart Failure	44	22.7	17.5	*	27.3	26.4	*	34.1	33.7	*
Pneumonia/Influenza	38	34.2	17.6	*	39.5	23.6	*	39.5	28.5	*
Chronic Obstructive Pulmonary Disease	7	28.6	10.1	*	28.6	18.3	*	28.6	24.8	*
Transient Cerebral Ischemia	13	0.0	1.8	*	0.0	3.7	*	0.0	5.8	*
Stroke	50	20.0	22.2	*	28.0	28.4	*	34.0	33.0	*
Hip Fracture	17	17.6	7.7	*	29.4	14.2	*	35.3	18.4	*
Sepsis	7	14.3	22.7	*	14.3	28.5	*	14.3	34.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	3.5	*	18.2	7.3	*	18.2	11.1	*
Carotid Endarterectomy	6	0.0	1.8	*	0.0	3.5	*	0.0	5.2	*
Hip Replacement/Reconstruction	24	4.2	1.8	*	4.2	3.4	*	4.2	4.6	*
Open Reduction of Hip Fracture	10	20.0	7.6	*	40.0	14.6	*	40.0	19.4	*
Prostatectomy	71	0.0	0.8	1.3	1.4	2.1	1.8	1.4	3.5	2.8
Cholecystectomy	27	11.1	2.6	*	11.1	5.3	*	11.1	7.7	*
Hysterectomy	10	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

Sheboygan **Memorial** Medical Center

Quality through People and Technology

January 9, 1991 Medicare Provider No. 520035

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Ms. Kappert:

Upon receipt of the information, staff verified the data used in the analysis. We confirmed that every case attributed to Sheboygan Memorial Medical Center was indeed ours, but we also discovered cases missing that should have been included in the analysis. The missing cases accounted for 10% to 36% of the total for some categories, a significant variation.

Category	Missing cases	Category	Missing cases
Transient cerebral ischemia	7	Stroke	9
Cholecystectomy	4	Sepsis	7
Open reduction fractured femur	5	Prostatectomy	14

We have concerns about the method used in the analysis. Although standard biostatistical methods are used, they are being applied in a new and unproven manner. The system attempts to compensate for illness severity, but a true severity system is not utilized.

For example, in reviewing the category of cholecystectomy, we discovered that patients with a malignant neoplasm of the lower gastrointestinal tract who had a cholecystectomy performed at the same time as their surgical intervention for the malignancy were included in the same category as patients being admitted and surgically treated solely for their cholecystitis. We question whether this is truly a homogeneous category that can be adequately adjusted for the severity differences inherent between these two types of cases.

2629 North 7th Street Sheboygan, Wisconsin 53083 414-457-5033

Sheboygan Memorial Medical Center has and continues to make a significant commitment to quality assessment. All deaths and readmissions are monitored closely along with a multitude of other indicators. This information will be fed into that process as well for further analysis.

Sincerely yours,

Patrick J. Trotter
President

PJT:mlg

SINAI SAMARITAN MEDICAL CENTER-MT SINAI

950 N 12th St
Milwaukee, WI 53201

Medicare Provider Number: 520064

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,024	8.7	8.1	0.7	12.9	12.6	0.8	16.6	16.1	0.8
CONDITIONS:										
Acute Myocardial Infarction	44	20.5	25.8	*	22.7	29.5	*	25.0	32.8	*
Congestive Heart Failure	98	14.3	13.9	3.5	21.4	21.9	4.2	30.6	28.6	4.9
Pneumonia/Influenza	72	30.6	16.7	6.2	31.9	22.7	5.8	37.5	27.4	6.2
Chronic Obstructive Pulmonary Disease	28	21.4	7.5	*	28.6	13.7	*	32.1	19.0	*
Transient Cerebral Ischemia	21	0.0	2.7	*	9.5	6.3	*	14.3	10.0	*
Stroke	62	17.7	19.8	7.2	29.0	26.5	8.7	33.9	30.8	8.2
Hip Fracture	39	12.8	7.3	*	17.9	12.7	*	23.1	16.2	*
Sepsis	14	50.0	29.5	*	57.1	38.4	*	57.1	44.9	*
PROCEDURES:										
Angioplasty	65	1.5	2.3	2.3	1.5	3.0	2.6	3.1	3.9	2.7
Coronary Artery Bypass Graft	65	10.8	6.1	3.5	18.5	8.1	5.1	20.0	9.4	5.4
Initial Pacemaker Insertion	21	4.8	3.9	*	4.8	8.1	*	9.5	11.7	*
Carotid Endarterectomy	2	0.0	1.3	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction	27	3.7	3.4	*	7.4	5.9	*	7.4	7.5	*
Open Reduction of Hip Fracture	21	4.8	6.0	*	9.5	11.2	*	19.0	14.8	*
Prostatectomy	53	0.0	1.1	1.7	0.0	2.7	3.0	1.9	4.4	3.6
Cholecystectomy	28	0.0	2.1	*	3.6	3.7	*	7.1	4.7	*
Hysterectomy	21	9.5	0.6	*	14.3	1.2	*	14.3	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds	410
Ownership/Control	Private, Non-Profit

STAFFING:

Medical Residents/Interns	70
Registered Nurses	430
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	Yes
Coronary Care Unit	Yes
Hospice	No
Intensive Care Unit	Yes
Organ Transplant	No
Rehabilitation	Yes
Shock Trauma	No

**** Not used in calculating hospital mortality rates.**

SINAI SAMARITAN MEDICAL CENTER-MT SINAI

Medicare Provider Number: 520064

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,431	7.7	8.6	0.8	13.2	13.3	1.3	16.6	16.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	66	13.6	24.8	8.2	16.7	28.0	8.5	19.7	31.3	9.1
Congestive Heart Failure	144	10.4	16.7	4.2	22.2	25.6	4.7	27.1	32.6	4.6
Pneumonia/Influenza	82	17.1	16.4	4.2	23.2	21.9	4.7	29.3	26.2	6.4
Chronic Obstructive Pulmonary Disease	24	8.3	8.2	*	12.5	13.8	*	20.8	18.5	*
Transient Cerebral Ischemia	16	0.0	2.7	*	0.0	5.9	*	0.0	9.0	*
Stroke	68	19.1	20.5	5.5	26.5	27.5	6.4	30.9	32.3	5.8
Hip Fracture	49	12.2	7.2	*	18.4	12.6	*	18.4	16.0	*
Sepsis	20	40.0	28.2	*	45.0	36.0	*	55.0	41.5	*
PROCEDURE:										
Angioplasty	57	0.0	3.3	4.0	0.0	4.4	4.9	1.8	5.5	4.5
Coronary Artery Bypass Graft	81	2.5	7.3	5.2	4.9	10.0	6.5	6.2	11.6	7.4
Initial Pacemaker Insertion	19	5.3	4.7	*	5.3	8.0	*	5.3	11.0	*
Carotid Endarterectomy	3	0.0	1.1	*	0.0	1.7	*	0.0	2.5	*
Hip Replacement/Reconstruction	22	4.5	4.4	*	13.6	7.9	*	13.6	10.0	*
Open Reduction of Hip Fracture	29	13.8	6.6	*	13.8	12.3	*	13.8	16.0	*
Prostatectomy	94	3.2	1.0	1.6	3.2	2.3	1.9	3.2	3.7	2.7
Cholecystectomy	20	0.0	2.3	*	5.0	4.0	*	5.0	5.1	*
Hysterectomy	18	5.6	1.1	*	5.6	2.1	*	5.6	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,413	9.5	8.8	0.8	14.2	13.7	0.9	17.7	17.5	0.8
CONDITIONS:										
Acute Myocardial Infarction	70	22.9	26.9	6.4	31.4	30.0	6.0	32.9	33.2	6.4
Congestive Heart Failure	149	10.7	16.7	4.2	16.1	25.1	5.1	24.2	31.8	5.3
Pneumonia/Influenza	60	25.0	17.2	8.8	28.3	23.2	8.5	35.0	27.9	9.1
Chronic Obstructive Pulmonary Disease	29	10.3	11.4	*	24.1	18.5	*	24.1	23.7	*
Transient Cerebral Ischemia	17	17.6	2.2	*	17.6	4.9	*	17.6	7.8	*
Stroke	74	18.9	23.0	6.7	25.7	29.9	9.5	31.1	34.7	8.5
Hip Fracture	48	10.4	7.1	*	16.7	12.3	*	20.8	15.6	*
Sepsis	26	42.3	27.6	*	53.8	36.3	*	57.7	42.2	*
PROCEDURES:										
Angioplasty	55	3.6	3.8	2.6	3.6	4.7	3.0	5.5	5.8	3.2
Coronary Artery Bypass Graft	71	5.6	6.7	3.8	7.0	8.9	4.2	8.5	10.2	4.4
Initial Pacemaker Insertion	17	0.0	3.4	*	5.9	7.3	*	5.9	11.0	*
Carotid Endarterectomy	4	0.0	2.5	*	0.0	5.9	*	0.0	9.0	*
Hip Replacement/Reconstruction	25	4.0	4.2	*	4.0	8.3	*	12.0	11.5	*
Open Reduction of Hip Fracture	29	13.8	6.3	*	24.1	11.4	*	31.0	14.7	*
Prostatectomy	100	1.0	1.1	1.1	3.0	2.7	2.0	4.0	4.4	2.6
Cholecystectomy	29	0.0	2.0	*	3.4	3.9	*	3.4	5.4	*
Hysterectomy	17	0.0	0.9	*	5.9	1.8	*	5.9	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SINAI SAMARITAN MEDICAL CENTER-SAMARITAN

2000 West Kilbourn Avenue
Milwaukee, WI 53233

Medicare Provider Number: 520020

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,926	7.2	7.6	0.7	11.8	11.8	0.7	15.4	15.2	0.8
CONDITIONS:										
Acute Myocardial Infarction	20	40.0	31.0	*	40.0	33.9	*	40.0	37.2	*
Congestive Heart Failure	122	8.2	13.8	4.4	21.3	21.8	4.9	24.6	28.6	4.8
Pneumonia/Influenza	62	14.5	15.3	4.9	22.6	21.1	5.7	27.4	25.7	6.5
Chronic Obstructive Pulmonary Disease	15	6.7	7.3	*	6.7	12.6	*	13.3	17.3	*
Transient Cerebral Ischemia	24	4.2	1.7	*	4.2	3.7	*	4.2	5.9	*
Stroke	64	18.8	19.5	5.7	20.3	26.2	7.5	23.4	30.7	9.4
Hip Fracture	34	11.8	7.3	*	17.6	12.9	*	26.5	16.6	*
Sepsis	38	21.1	29.7	*	34.2	38.9	*	42.1	45.3	*
PROCEDURES:										
Angioplasty	22	0.0	2.5	*	0.0	3.8	*	4.5	5.0	*
Coronary Artery Bypass Graft	32	3.1	4.5	*	18.8	6.4	*	18.8	8.1	*
Initial Pacemaker Insertion	13	0.0	5.4	*	0.0	9.1	*	7.7	11.9	*
Carotid Endarterectomy	4	0.0	1.3	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction	38	5.3	3.6	*	7.9	6.7	*	15.8	8.9	*
Open Reduction of Hip Fracture	14	14.3	6.1	*	21.4	11.5	*	21.4	15.2	*
Prostatectomy	55	0.0	1.0	*	0.0	2.3	*	0.0	3.7	*
Cholecystectomy	35	2.9	2.4	*	5.7	4.4	*	5.7	5.9	*
Hysterectomy	10	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	604
Occupancy Rate	63
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	431
Percent of Physicians Board Certified Specialists	42
Medical Residents/Interns	87
Registered Nurses	588
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SINAI SAMARITAN MEDICAL CENTER-SAMARITAN

Medicare Provider Number: 520020

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,880	6.8	7.1	0.6	11.0	11.2	0.8	14.6	14.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	36	16.7	24.5	*	19.4	28.3	*	22.2	32.2	*
Congestive Heart Failure	107	14.0	15.5	3.8	22.4	23.8	4.3	30.8	30.6	4.5
Pneumonia/Influenza	45	11.1	17.7	*	26.7	24.1	*	33.3	29.0	*
Chronic Obstructive Pulmonary Disease	21	4.8	10.1	*	4.8	16.8	*	9.5	22.4	*
Transient Cerebral Ischemia	29	0.0	1.8	*	3.4	3.9	*	3.4	6.1	*
Stroke	54	22.2	18.6	6.9	29.6	25.4	6.9	29.6	29.7	6.2
Hip Fracture	40	22.5	7.2	*	27.5	13.1	*	35.0	16.8	*
Sepsis	25	28.0	20.1	*	32.0	27.0	*	36.0	32.3	*
PROCEDURES:										
Angioplasty	31	0.0	3.8	*	0.0	5.0	*	0.0	6.2	*
Coronary Artery Bypass Graft	47	8.5	7.1	*	17.0	10.4	*	19.1	12.2	*
Initial Pacemaker Insertion	21	4.8	8.2	*	9.5	12.4	*	14.3	16.1	*
Carotid Endarterectomy	5	0.0	1.1	*	0.0	1.9	*	0.0	2.8	*
Hip Replacement/Reconstruction	59	8.5	3.8	3.4	15.3	7.1	5.4	20.3	9.5	6.7
Open Reduction of Hip Fracture	10	20.0	5.0	*	20.0	9.6	*	30.0	12.7	*
Prostatectomy	71	2.8	1.1	1.6	5.6	2.7	3.0	8.5	4.4	4.0
Cholecystectomy	28	3.6	3.1	*	7.1	5.9	*	10.7	7.9	*
Hysterectomy	7	0.0	1.8	*	0.0	3.6	*	0.0	5.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,794	8.4	8.2	0.7	13.0	12.7	0.8	16.6	16.3	0.9
CONDITIONS:										
Acute Myocardial Infarction	30	10.0	30.0	*	10.0	33.0	*	16.7	36.0	*
Congestive Heart Failure	88	9.1	14.4	4.6	17.0	22.0	5.0	28.4	28.4	4.8
Pneumonia/Influenza	55	12.7	19.8	7.6	14.5	26.6	7.9	23.6	31.8	7.5
Chronic Obstructive Pulmonary Disease	7	28.6	8.5	*	28.6	13.4	*	28.6	17.3	*
Transient Cerebral Ischemia	31	6.5	2.3	*	6.5	5.1	*	12.9	8.2	*
Stroke	61	18.0	18.6	5.1	23.0	25.7	7.2	27.9	30.3	6.7
Hip Fracture	41	12.2	8.7	*	17.1	15.3	*	17.1	19.6	*
Sepsis	14	21.4	20.1	*	28.6	27.3	*	42.9	32.8	*
PROCEDURES:										
Angioplasty	18	0.0	2.0	*	0.0	2.7	*	0.0	3.6	*
Coronary Artery Bypass Graft	57	14.0	6.5	6.3	14.0	9.0	6.0	15.8	10.5	6.1
Initial Pacemaker Insertion	13	15.4	4.2	*	23.1	9.3	*	23.1	14.1	*
Carotid Endarterectomy	5	20.0	1.9	*	20.0	4.0	*	20.0	6.2	*
Hip Replacement/Reconstruction	49	8.2	5.4	*	10.2	9.8	*	10.2	12.7	*
Open Reduction of Hip Fracture	8	12.5	7.9	*	12.5	14.7	*	12.5	19.0	*
Prostatectomy	65	0.0	1.0	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy	30	0.0	1.7	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy	6	0.0	0.9	*	0.0	1.9	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SOUTHWEST HEALTH CENTER INC

1100 5th Avenue
Platteville, WI 53818

Medicare Provider Number: 520178

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	260	9.2	11.8	3.2	17.3	17.5	4.4	19.6	22.0	3.9
CONDITIONS:										
Acute Myocardial Infarction	11	18.2	40.5	*	18.2	44.3	*	18.2	48.2	*
Congestive Heart Failure	15	13.3	15.0	*	26.7	22.9	*	26.7	29.8	*
Pneumonia/Influenza	22	13.6	15.5	*	13.6	21.0	*	18.2	25.7	*
Chronic Obstructive Pulmonary Disease	2	0.0	8.3	*	0.0	16.5	*	0.0	24.2	*
Transient Cerebral Ischemia	6	0.0	2.3	*	0.0	5.5	*	0.0	9.1	*
Stroke	9	22.2	22.4	*	33.3	30.2	*	33.3	35.0	*
Hip Fracture	8	0.0	6.0	*	0.0	11.0	*	0.0	14.4	*
Sepsis	7	0.0	30.4	*	28.6	35.5	*	28.6	41.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.7	*	0.0	9.4	*	0.0	12.8	*
Open Reduction of Hip Fracture	5	0.0	5.8	*	0.0	10.8	*	0.0	14.2	*
Prostatectomy	0									
Cholecystectomy	2	0.0	1.2	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy	1	0.0	0.6	*	0.0	1.1	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	129
Occupancy Rate	72
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SOUTHWEST HEALTH CENTER INC

Medicare Provider Number: 520178

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	266	15.8	14.1	2.6	20.3	19.7	2.9	24.1	24.0	3.2
CONDITIONS:										
Acute Myocardial Infarction	14	35.7	31.5	*	35.7	35.6	*	42.9	39.5	*
Congestive Heart Failure	14	14.3	18.2	*	35.7	27.3	*	42.9	34.7	*
Pneumonia/Influenza	22	18.2	19.3	*	22.7	25.9	*	31.8	30.8	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	3	0.0	1.2	*	0.0	2.7	*	0.0	4.3	*
Stroke	17	35.3	20.5	*	41.2	28.8	*	41.2	33.9	*
Hip Fracture	12	0.0	8.9	*	0.0	16.7	*	0.0	21.8	*
Sepsis	6	50.0	32.9	*	50.0	38.6	*	50.0	45.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	13.4	*	0.0	27.1	*	0.0	36.4	*
Open Reduction of Hip Fracture	8	0.0	6.3	*	0.0	12.1	*	0.0	16.0	*
Prostatectomy	1	0.0	0.7	*	0.0	2.0	*	0.0	3.6	*
Cholecystectomy	6	0.0	2.0	*	16.7	4.0	*	16.7	5.9	*
Hysterectomy	2	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	252	10.3	14.0	3.1	16.3	19.7	3.7	20.2	24.1	4.4
CONDITIONS:										
Acute Myocardial Infarction	19	36.8	29.6	*	42.1	33.2	*	42.1	36.5	*
Congestive Heart Failure	18	5.6	21.2	*	27.8	30.9	*	38.9	38.4	*
Pneumonia/Influenza	12	0.0	16.2	*	8.3	22.0	*	8.3	26.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	9.8	*	0.0	18.0	*	0.0	25.2	*
Transient Cerebral Ischemia	1	0.0	1.3	*	0.0	2.5	*	0.0	3.9	*
Stroke	19	15.8	20.3	*	21.1	28.6	*	26.3	33.6	*
Hip Fracture	7	0.0	8.2	*	14.3	14.5	*	14.3	19.0	*
Sepsis	6	16.7	50.1	*	16.7	57.1	*	16.7	63.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	12.8	*	100.0	19.9	*	100.0	24.8	*
Open Reduction of Hip Fracture	6	0.0	6.3	*	0.0	12.4	*	0.0	16.7	*
Prostatectomy	0									
Cholecystectomy	2	0.0	2.3	*	0.0	3.9	*	0.0	5.1	*
Hysterectomy	1	0.0	0.2	*	0.0	0.3	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST AGNES HOSPITAL

430 East Divison Street
Fond Du Lac, WI 54935

Medicare Provider Number: 520088

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,882	8.3	8.5	1.0	13.8	13.2	0.9	16.8	16.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	66	33.3	28.5	6.6	37.9	32.1	6.5	42.4	35.8	7.4
Congestive Heart Failure	103	9.7	15.6	4.7	22.3	24.2	4.6	25.2	31.3	5.5
Pneumonia/Influenza	66	12.1	14.9	4.8	15.2	20.7	6.6	18.2	25.3	7.9
Chronic Obstructive Pulmonary Disease	12	0.0	5.2	*	8.3	10.2	*	16.7	14.8	*
Transient Cerebral Ischemia	30	3.3	2.0	*	3.3	4.5	*	3.3	7.2	*
Stroke	91	26.4	19.7	6.0	31.9	26.6	5.3	35.2	31.1	5.3
Hip Fracture	70	7.1	6.6	3.2	10.0	11.9	5.4	10.0	15.4	6.2
Sepsis	15	26.7	31.7	*	46.7	40.4	*	53.3	48.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	3.0	*	0.0	5.8	*	0.0	8.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	48	4.2	4.0	*	8.3	7.3	*	8.3	9.7	*
Open Reduction of Hip Fracture	39	5.1	5.9	*	5.1	11.2	*	5.1	14.8	*
Prostatectomy	75	1.3	0.7	1.2	2.7	1.7	1.8	2.7	3.0	2.6
Cholecystectomy	62	0.0	1.9	2.2	0.0	3.3	3.2	1.6	4.2	3.2
Hysterectomy	28	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	233
Occupancy Rate	62
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	99
Percent of Physicians Board Certified Specialists	75
Medical Residents/Interns	0
Registered Nurses	170
Licensed Practical Nurses	104

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST AGNES HOSPITAL

Medicare Provider Number: 520088

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,928	8.1	8.1	0.9	13.1	12.7	0.8	16.9	16.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	54	24.1	27.9	9.8	29.6	31.3	11.0	29.6	35.0	9.9
Congestive Heart Failure	96	17.7	16.5	4.1	30.2	25.1	7.9	36.5	32.2	7.9
Pneumonia/Influenza	59	16.9	15.3	5.9	22.0	21.1	5.4	23.7	25.7	6.0
Chronic Obstructive Pulmonary Disease	6	16.7	6.8	*	16.7	12.2	*	16.7	17.1	*
Transient Cerebral Ischemia	28	0.0	2.3	*	7.1	5.3	*	7.1	8.5	*
Stroke	64	18.8	21.1	6.2	25.0	28.1	8.4	29.7	32.6	7.8
Hip Fracture	57	5.3	6.4	3.5	8.8	11.6	4.9	14.0	15.1	4.9
Sepsis	14	21.4	22.0	*	28.6	30.8	*	50.0	37.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	0.0	6.3	*	0.0	9.1	*	5.0	11.7	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	42	0.0	2.1	*	2.4	4.0	*	4.8	5.4	*
Open Reduction of Hip Fracture	36	2.8	5.8	*	2.8	11.1	*	8.3	14.7	*
Prostatectomy	112	0.9	0.8	0.9	2.7	1.9	1.7	2.7	3.2	1.8
Cholecystectomy	54	1.9	2.5	2.4	3.7	4.6	4.4	3.7	6.0	4.9
Hysterectomy	22	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,854	9.2	8.8	0.7	13.9	13.4	0.9	17.7	17.1	1.1
CONDITIONS:										
Acute Myocardial Infarction	63	20.6	29.4	12.1	25.4	32.9	11.1	30.2	36.5	9.1
Congestive Heart Failure	98	18.4	17.3	4.0	27.6	26.1	4.7	38.8	33.3	7.8
Pneumonia/Influenza	65	20.0	16.5	5.0	24.6	22.6	5.3	29.2	27.6	5.6
Chronic Obstructive Pulmonary Disease	18	16.7	9.8	*	16.7	16.8	*	16.7	22.3	*
Transient Cerebral Ischemia	25	0.0	1.8	*	4.0	3.8	*	12.0	5.9	*
Stroke	83	14.5	20.2	6.8	16.9	26.6	8.2	20.5	31.0	8.5
Hip Fracture	60	10.0	5.9	5.5	16.7	10.7	6.7	18.3	14.2	7.0
Sepsis	11	9.1	25.1	*	18.2	34.3	*	18.2	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	3.2	*	0.0	6.3	*	10.0	8.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	38	2.6	3.2	*	5.3	5.8	*	5.3	7.7	*
Open Reduction of Hip Fracture	31	16.1	5.5	*	25.8	10.6	*	29.0	14.3	*
Prostatectomy	98	1.0	0.9	2.1	4.1	2.3	2.5	5.1	3.8	2.9
Cholecystectomy	44	4.5	2.9	*	4.5	5.4	*	6.8	7.0	*
Hysterectomy	27	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST CATHERINES HOSPITAL

3556 7th Ave
Kenosha, WI 53140

Medicare Provider Number: 520069

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,394	9.6	9.4	0.8	14.0	14.1	1.1	16.9	17.9	1.5
CONDITIONS:										
Acute Myocardial Infarction	33	24.2	25.2	*	30.3	28.2	*	30.3	31.4	*
Congestive Heart Failure	75	9.3	15.3	5.2	14.7	23.5	6.9	21.3	30.3	7.4
Pneumonia/Influenza	71	21.1	17.5	6.3	25.4	23.7	5.3	28.2	28.3	5.4
Chronic Obstructive Pulmonary Disease	22	13.6	6.4	*	13.6	11.7	*	13.6	16.6	*
Transient Cerebral Ischemia	22	0.0	1.7	*	0.0	3.9	*	0.0	6.3	*
Stroke	36	19.4	20.4	*	22.2	26.6	*	30.6	30.8	*
Hip Fracture	41	12.2	7.9	*	17.1	13.9	*	19.5	17.8	*
Sepsis	22	9.1	24.8	*	18.2	34.3	*	22.7	40.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	4.5	*	12.5	8.4	*	12.5	12.4	*
Carotid Endarterectomy	7	0.0	1.1	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction	24	12.5	3.9	*	16.7	7.2	*	16.7	9.4	*
Open Reduction of Hip Fracture	11	18.2	9.4	*	27.3	17.6	*	27.3	22.8	*
Prostatectomy	49	2.0	1.0	*	6.1	2.4	*	8.2	4.1	*
Cholecystectomy	27	3.7	3.7	*	7.4	6.6	*	11.1	8.7	*
Hysterectomy	7	0.0	1.6	*	0.0	3.4	*	14.3	4.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	183
Occupancy Rate	64
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	171
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	125
Licensed Practical Nurses	36

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST CATHERINES HOSPITAL

Medicare Provider Number: 520069

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,301	10.6	9.7	1.1	15.6	14.9	1.2	18.5	18.8	1.1
CONDITIONS:										
Acute Myocardial Infarction	30	36.7	29.7	*	43.3	33.4	*	43.3	37.2	*
Congestive Heart Failure	77	14.3	16.1	6.2	20.8	24.7	8.1	24.7	31.6	11.2
Pneumonia/Influenza	64	18.8	19.1	5.8	23.4	25.6	6.2	31.3	30.4	5.8
Chronic Obstructive Pulmonary Disease	13	23.1	6.0	*	23.1	10.4	*	23.1	14.7	*
Transient Cerebral Ischemia	34	0.0	2.1	*	0.0	4.6	*	0.0	7.3	*
Stroke	37	18.9	21.7	*	24.3	28.6	*	29.7	33.2	*
Hip Fracture	40	2.5	8.1	*	10.0	14.2	*	17.5	17.8	*
Sepsis	17	35.3	30.8	*	64.7	40.0	*	70.6	45.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	22.2	7.3	*	22.2	10.9	*	33.3	14.3	*
Carotid Endarterectomy	3	0.0	1.4	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction	11	0.0	2.9	*	9.1	5.5	*	9.1	7.2	*
Open Reduction of Hip Fracture	11	0.0	6.9	*	0.0	12.4	*	18.2	15.8	*
Prostatectomy	44	0.0	1.1	*	0.0	2.8	*	0.0	4.8	*
Cholecystectomy	32	0.0	4.0	*	0.0	7.1	*	6.3	9.2	*
Hysterectomy	7	0.0	0.4	*	0.0	0.8	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,278	10.5	9.7	1.3	15.9	14.8	1.9	20.3	18.9	2.3
CONDITIONS:										
Acute Myocardial Infarction	30	20.0	29.4	*	26.7	32.9	*	30.0	36.8	*
Congestive Heart Failure	95	21.1	15.1	5.2	31.6	23.0	6.6	38.9	29.6	7.7
Pneumonia/Influenza	55	16.4	18.7	5.4	23.6	25.4	6.0	36.4	30.5	7.0
Chronic Obstructive Pulmonary Disease	10	0.0	11.3	*	20.0	17.8	*	20.0	23.4	*
Transient Cerebral Ischemia	24	0.0	2.0	*	4.2	4.5	*	8.3	7.2	*
Stroke	43	20.9	22.9	*	23.3	29.5	*	30.2	34.0	*
Hip Fracture	35	5.7	6.9	*	11.4	12.3	*	17.1	16.0	*
Sepsis	12	16.7	29.2	*	25.0	36.3	*	33.3	42.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	6.0	*	25.0	10.2	*	25.0	13.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	4.7	*	9.1	8.5	*	18.2	11.1	*
Open Reduction of Hip Fracture	11	9.1	5.6	*	18.2	10.3	*	18.2	13.4	*
Prostatectomy	52	0.0	0.9	*	0.0	2.1	*	0.0	3.4	*
Cholecystectomy	27	0.0	3.6	*	0.0	6.1	*	3.7	7.7	*
Hysterectomy	6	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST CLARE HOSPITAL

707 14th Street
Baraboo, WI 53913

Medicare Provider Number: 520057

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	718	7.5	8.3	1.3	10.2	12.7	1.7	12.7	16.2	1.8
CONDITIONS:										
Acute Myocardial Infarction	19	42.1	27.2	*	42.1	31.8	*	42.1	35.8	*
Congestive Heart Failure	35	2.9	15.1	*	11.4	23.8	*	11.4	30.9	*
Pneumonia/Influenza	33	9.1	15.4	*	12.1	21.4	*	12.1	25.8	*
Chronic Obstructive Pulmonary Disease	6	16.7	5.6	*	16.7	9.6	*	16.7	13.3	*
Transient Cerebral Ischemia	7	0.0	1.6	*	0.0	3.6	*	0.0	5.9	*
Stroke	27	11.1	22.9	*	11.1	28.9	*	18.5	33.6	*
Hip Fracture	20	10.0	4.8	*	10.0	8.9	*	10.0	11.9	*
Sepsis	5	40.0	25.5	*	40.0	31.9	*	40.0	38.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	6.3	2.2	*	6.3	4.4	*	6.3	6.1	*
Open Reduction of Hip Fracture	4	0.0	4.2	*	0.0	7.9	*	0.0	10.6	*
Prostatectomy	24	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy	8	0.0	1.8	*	12.5	3.1	*	12.5	4.2	*
Hysterectomy	8	0.0	0.6	*	12.5	1.3	*	12.5	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	90
Occupancy Rate	43
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	19
Percent of Physicians Board Certified Specialists	95
Medical Residents/Interns	0
Registered Nurses	48
Licensed Practical Nurses	12

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST CLARE HOSPITAL

Medicare Provider Number: 520057

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	762	9.7	8.2	2.1	14.6	12.5	2.4	16.9	16.1	2.3
CONDITIONS:										
Acute Myocardial Infarction	26	23.1	27.7	*	26.9	31.4	*	30.8	35.1	*
Congestive Heart Failure	47	25.5	15.7	*	29.8	24.0	*	36.2	30.9	*
Pneumonia/Influenza	33	9.1	18.6	*	15.2	25.0	*	21.2	29.5	*
Chronic Obstructive Pulmonary Disease	11	0.0	7.3	*	9.1	12.1	*	9.1	16.2	*
Transient Cerebral Ischemia	14	7.1	2.3	*	14.3	5.4	*	21.4	8.6	*
Stroke	21	19.0	16.4	*	23.8	22.0	*	28.6	26.3	*
Hip Fracture	18	16.7	6.1	*	22.2	11.4	*	27.8	15.0	*
Sepsis	12	33.3	27.4	*	41.7	33.9	*	41.7	40.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	7.3	*	100.0	14.3	*	100.0	20.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	15.4	3.2	*	23.1	6.0	*	23.1	7.9	*
Open Reduction of Hip Fracture	8	0.0	6.5	*	0.0	12.7	*	12.5	17.0	*
Prostatectomy	35	0.0	1.3	*	5.7	2.4	*	5.7	3.6	*
Cholecystectomy	8	0.0	3.1	*	0.0	6.2	*	0.0	8.7	*
Hysterectomy	9	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	717	6.0	8.0	1.5	11.3	12.5	1.5	14.4	16.2	1.7
CONDITIONS:										
Acute Myocardial Infarction	21	19.0	24.3	*	19.0	27.1	*	19.0	30.3	*
Congestive Heart Failure	33	12.1	16.6	*	24.2	25.8	*	30.3	33.3	*
Pneumonia/Influenza	36	11.1	16.8	*	19.4	22.8	*	19.4	27.2	*
Chronic Obstructive Pulmonary Disease	13	7.7	10.6	*	7.7	19.8	*	23.1	26.7	*
Transient Cerebral Ischemia	15	0.0	2.7	*	0.0	6.2	*	6.7	10.0	*
Stroke	21	14.3	20.4	*	19.0	25.9	*	19.0	30.3	*
Hip Fracture	16	12.5	4.8	*	18.8	9.0	*	18.8	12.1	*
Sepsis	10	10.0	25.5	*	30.0	31.8	*	30.0	37.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	15.4	2.5	*	23.1	5.0	*	23.1	6.9	*
Open Reduction of Hip Fracture	3	33.3	3.5	*	33.3	6.9	*	33.3	9.4	*
Prostatectomy	31	3.2	0.7	*	3.2	1.7	*	3.2	2.8	*
Cholecystectomy	10	0.0	0.9	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy	8	0.0	0.5	*	0.0	1.0	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST CLARE HOSPITAL OF MONROE

515 22nd Avenue
Monroe, WI 53566

Medicare Provider Number: 520028

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,354	6.9	7.2	0.8	10.1	11.3	1.0	13.4	14.7	1.1
CONDITIONS:										
Acute Myocardial Infarction	30	13.3	24.4	*	20.0	27.4	*	23.3	30.6	*
Congestive Heart Failure	52	9.6	12.0	5.6	17.3	18.7	5.8	23.1	24.7	6.5
Pneumonia/Influenza	39	23.1	17.3	*	23.1	23.6	*	25.6	28.3	*
Chronic Obstructive Pulmonary Disease	10	10.0	4.6	*	20.0	8.3	*	20.0	11.9	*
Transient Cerebral Ischemia	20	0.0	2.0	*	0.0	4.7	*	10.0	7.8	*
Stroke	50	22.0	23.3	*	32.0	30.6	*	42.0	35.4	*
Hip Fracture	33	6.1	5.8	*	6.1	10.7	*	15.2	14.3	*
Sepsis	14	35.7	31.1	*	42.9	39.3	*	50.0	46.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	5.4	*	0.0	8.6	*	0.0	11.0	*
Carotid Endarterectomy	4	0.0	1.4	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction	32	6.3	2.9	*	6.3	5.8	*	12.5	8.0	*
Open Reduction of Hip Fracture	17	0.0	4.8	*	0.0	9.2	*	5.9	12.5	*
Prostatectomy	80	1.2	0.9	1.6	3.8	2.2	2.4	5.0	3.8	2.7
Cholecystectomy	41	4.9	3.4	*	9.8	6.3	*	12.2	8.5	*
Hysterectomy	12	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	173
Occupancy Rate	47
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	70
Percent of Physicians Board Certified Specialists	74
Medical Residents/Interns	0
Registered Nurses	114
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST CLARE HOSPITAL OF MONROE

Medicare Provider Number: 520028

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,228	7.9	8.0	0.9	12.1	12.3	1.5	15.3	15.8	1.5
CONDITIONS:										
Acute Myocardial Infarction	43	30.2	27.5	*	37.2	31.3	*	44.2	35.0	*
Congestive Heart Failure	61	16.4	14.2	4.8	24.6	21.6	5.7	34.4	28.0	8.1
Pneumonia/Influenza	39	15.4	19.5	*	25.6	26.2	*	28.2	31.1	*
Chronic Obstructive Pulmonary Disease	9	0.0	3.8	*	0.0	7.5	*	0.0	10.8	*
Transient Cerebral Ischemia	17	0.0	1.8	*	0.0	3.9	*	5.9	6.1	*
Stroke	39	12.8	19.3	*	17.9	25.3	*	20.5	29.7	*
Hip Fracture	29	6.9	5.7	*	10.3	10.5	*	10.3	13.7	*
Sepsis	18	22.2	32.1	*	33.3	40.6	*	38.9	47.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	5.7	*	0.0	9.1	*	0.0	12.6	*
Carotid Endarterectomy	2	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction	34	2.9	2.1	*	8.8	4.4	*	8.8	6.2	*
Open Reduction of Hip Fracture	15	6.7	5.6	*	6.7	10.7	*	6.7	14.1	*
Prostatectomy	73	1.4	0.9	2.0	1.4	2.2	3.3	5.5	3.8	2.4
Cholecystectomy	38	5.3	2.5	*	7.9	4.5	*	7.9	5.9	*
Hysterectomy	9	0.0	0.9	*	0.0	1.8	*	0.0	2.6	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,310	7.9	7.7	0.8	12.0	12.1	0.9	15.0	15.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	40	37.5	27.9	*	42.5	32.1	*	45.0	36.0	*
Congestive Heart Failure	54	16.7	14.9	5.1	24.1	22.7	6.5	27.8	29.4	6.6
Pneumonia/Influenza	45	11.1	15.2	*	22.2	21.4	*	26.7	26.5	*
Chronic Obstructive Pulmonary Disease	20	5.0	9.0	*	10.0	15.7	*	20.0	20.9	*
Transient Cerebral Ischemia	13	0.0	2.1	*	0.0	4.5	*	7.7	7.3	*
Stroke	43	20.9	20.8	*	25.6	26.9	*	30.2	31.8	*
Hip Fracture	28	3.6	7.7	*	10.7	14.3	*	10.7	18.9	*
Sepsis	10	50.0	23.8	*	50.0	32.4	*	50.0	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	4.9	*	25.0	8.2	*	25.0	10.6	*
Carotid Endarterectomy	4	0.0	1.7	*	0.0	3.4	*	0.0	4.8	*
Hip Replacement/Reconstruction	38	7.9	2.7	*	10.5	5.2	*	10.5	7.3	*
Open Reduction of Hip Fracture	15	0.0	6.9	*	6.7	13.8	*	6.7	18.8	*
Prostatectomy	88	1.1	1.3	1.9	4.5	3.1	2.9	6.8	5.1	3.7
Cholecystectomy	46	6.5	2.6	*	8.7	4.8	*	8.7	6.2	*
Hysterectomy	18	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

***The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST CROIX VALLEY MEMORIAL HOSPITAL

204 S Adams
Saint Croix Falls, WI 54024

Medicare Provider Number: 520112

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	481	7.5	10.6	1.8	12.1	15.6	2.4	15.2	19.6	2.6
CONDITIONS:										
Acute Myocardial Infarction	21	19.0	27.0	*	19.0	30.6	*	23.8	34.1	*
Congestive Heart Failure	23	26.1	16.0	*	30.4	24.1	*	39.1	30.7	*
Pneumonia/Influenza	46	6.5	20.7	*	17.4	27.7	*	21.7	32.9	*
Chronic Obstructive Pulmonary Disease	5	20.0	8.4	*	20.0	14.5	*	40.0	20.1	*
Transient Cerebral Ischemia	9	0.0	2.7	*	11.1	6.3	*	11.1	10.1	*
Stroke	22	18.2	23.1	*	18.2	30.8	*	22.7	35.8	*
Hip Fracture	14	0.0	6.3	*	7.1	11.2	*	14.3	14.4	*
Sepsis	6	0.0	24.7	*	16.7	31.1	*	16.7	36.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.7	*	0.0	5.1	*	0.0	7.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	4.9	*	0.0	9.2	*	14.3	12.3	*
Open Reduction of Hip Fracture	2	0.0	10.0	*	0.0	18.0	*	0.0	22.5	*
Prostatectomy	11	0.0	0.4	*	0.0	1.1	*	0.0	2.0	*
Cholecystectomy	4	0.0	3.1	*	0.0	6.2	*	0.0	8.6	*
Hysterectomy	5	0.0	2.5	*	0.0	5.4	*	0.0	8.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	72
Occupancy Rate	42
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	31
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST CROIX VALLEY MEMORIAL HOSPITAL

Medicare Provider Number: 520112

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	497	9.1	10.0	1.5	14.3	15.1	2.2	15.5	18.9	2.4
CONDITIONS:										
Acute Myocardial Infarction	17	11.8	23.5	*	17.6	27.0	*	17.6	30.7	*
Congestive Heart Failure	23	30.4	18.5	*	34.8	27.7	*	39.1	35.2	*
Pneumonia/Influenza	44	20.5	19.2	*	27.3	25.2	*	27.3	29.6	*
Chronic Obstructive Pulmonary Disease	6	16.7	10.0	*	16.7	16.2	*	16.7	21.2	*
Transient Cerebral Ischemia	10	0.0	2.1	*	10.0	5.0	*	10.0	8.3	*
Stroke	18	22.2	21.9	*	33.3	28.4	*	33.3	33.0	*
Hip Fracture	12	0.0	6.0	*	0.0	11.2	*	8.3	14.6	*
Sepsis	4	25.0	26.1	*	25.0	31.4	*	25.0	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	100.0	62.8	*	100.0	73.5	*	100.0	81.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	6.1	*	0.0	11.6	*	16.7	14.9	*
Open Reduction of Hip Fracture	1	0.0	10.2	*	0.0	17.2	*	100.0	21.0	*
Prostatectomy	11	0.0	1.1	*	9.1	2.8	*	9.1	4.7	*
Cholecystectomy	8	0.0	5.1	*	0.0	10.1	*	0.0	13.5	*
Hysterectomy	5	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	479	8.1	10.1	1.8	12.1	15.0	2.2	14.6	18.8	2.5
CONDITIONS:										
Acute Myocardial Infarction	22	27.3	31.1	*	31.8	34.2	*	31.8	37.5	*
Congestive Heart Failure	19	5.3	15.9	*	10.5	23.4	*	15.8	29.8	*
Pneumonia/Influenza	23	17.4	20.2	*	30.4	27.0	*	30.4	32.1	*
Chronic Obstructive Pulmonary Disease	6	0.0	10.9	*	16.7	16.9	*	16.7	21.8	*
Transient Cerebral Ischemia	6	0.0	1.7	*	0.0	3.5	*	0.0	5.5	*
Stroke	16	18.8	23.1	*	25.0	31.5	*	25.0	36.5	*
Hip Fracture	9	0.0	6.4	*	0.0	11.0	*	0.0	13.9	*
Sepsis	4	25.0	28.2	*	25.0	38.3	*	25.0	43.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	7.6	*	0.0	12.5	*	0.0	15.4	*
Open Reduction of Hip Fracture	0									
Prostatectomy	20	0.0	1.0	*	5.0	2.5	*	5.0	4.3	*
Cholecystectomy	10	0.0	1.9	*	0.0	3.2	*	0.0	4.1	*
Hysterectomy	6	0.0	0.8	*	0.0	1.9	*	0.0	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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St.
Croix
Valley
[illegible]
Hospital

[illegible]
204 South Adams Street
St. Croix Falls, Wisconsin 54024
(715) 483-3261 • (800) 642-1336
Fax: (715) 483-1063

January 11. 1991

Medicare provider #-520112

COMMENTS ON HCFA MORTALITY DATA

The data presented by HCFA indicates that a total of 73 patients expired within 180 days of discharge or during hospitalization at St. Croix Valley Memorial Hospital. Of these patients, 20 died while still a patient of the hospital and the remaining 53 patients died after discharge.

Of the 20 hospital deaths, 14 had "Do Not Resuscitate" orders in place due to the terminal nature of their illness.

HCFA data indicate tracking of 481 Medicare discharges for fiscal year 1989. Our own records indicate 811 discharges. This variance is attributed to the fact that HCFA counts only a patient's last hospital discharge in the total number. Thus, using total deaths of 73 and total discharges of 811, overall hospital mortality within 180 days is 9% rather than 15%

It is impossible to determine whether the cause of death for the 53 patients who were discharged alive and died within 180 days is related to the last hospitalization as information concerning death after discharge is not included in patient's medical records.

St. Croix Valley Memorial Hospital appreciates the additional statistical information that this report provides and will use this data as another tool to continually improve the quality of care provided to our community.

ST ELIZABETH HOSPITAL

1506 S Oneida St
Appleton, WI 54911

Medicare Provider Number: 520009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,594	8.9	8.8	1.1	13.6	13.7	1.1	16.9	17.4	1.1
CONDITIONS:										
Acute Myocardial Infarction	42	38.1	29.2	*	40.5	33.0	*	42.9	36.7	*
Congestive Heart Failure	66	12.1	14.7	6.3	19.7	22.5	6.7	28.8	29.1	5.7
Pneumonia/Influenza	67	9.0	15.0	6.6	16.4	20.6	6.5	19.4	25.1	6.6
Chronic Obstructive Pulmonary Disease	13	0.0	5.8	*	7.7	10.7	*	15.4	15.3	*
Transient Cerebral Ischemia	14	0.0	1.8	*	7.1	3.9	*	7.1	6.3	*
Stroke	58	31.0	23.6	8.2	41.4	30.5	10.1	43.1	35.1	10.0
Hip Fracture	51	5.9	7.2	3.8	7.8	12.7	5.8	15.7	16.3	5.2
Sepsis	26	34.6	30.2	*	42.3	38.3	*	42.3	44.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	3.9	*	0.0	7.0	*	0.0	9.8	*
Carotid Endarterectomy	14	0.0	1.2	*	0.0	2.2	*	0.0	3.1	*
Hip Replacement/Reconstruction	54	0.0	2.5	2.9	1.9	4.6	4.4	1.9	6.3	5.1
Open Reduction of Hip Fracture	16	6.3	4.7	*	6.3	8.7	*	18.8	11.4	*
Prostatectomy	49	2.0	2.3	*	2.0	4.4	*	4.1	6.6	*
Cholecystectomy	33	0.0	2.1	*	3.0	3.4	*	3.0	4.4	*
Hysterectomy	23	0.0	0.7	*	4.3	1.5	*	4.3	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	272
Occupancy Rate	61
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	175
Percent of Physicians Board Certified Specialists	85
Medical Residents/Interns	0
Registered Nurses	235
Licensed Practical Nurses	25

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST ELIZABETH HOSPITAL

Medicare Provider Number: 520009

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,558	9.1	8.9	0.7	14.1	13.7	1.0	17.1	17.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	37	32.4	32.3	*	35.1	36.3	*	35.1	40.2	*
Congestive Heart Failure	68	11.8	16.0	6.8	22.1	24.0	6.5	26.5	30.8	6.9
Pneumonia/Influenza	46	13.0	15.2	*	17.4	20.6	*	23.9	25.0	*
Chronic Obstructive Pulmonary Disease	12	0.0	7.9	*	8.3	12.7	*	16.7	16.9	*
Transient Cerebral Ischemia	16	6.3	2.1	*	25.0	4.5	*	25.0	7.1	*
Stroke	59	22.0	22.2	5.7	28.8	29.0	5.9	33.9	33.8	6.2
Hip Fracture	39	10.3	8.5	*	12.8	15.4	*	12.8	19.7	*
Sepsis	17	17.6	27.6	*	29.4	35.3	*	35.3	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	9.1	*	33.3	19.0	*	33.3	27.7	*
Carotid Endarterectomy	13	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	48	0.0	2.4	*	2.1	4.6	*	2.1	6.2	*
Open Reduction of Hip Fracture	12	25.0	8.1	*	25.0	15.9	*	25.0	21.0	*
Prostatectomy	54	3.7	1.1	2.6	5.6	2.7	3.3	5.6	4.5	3.0
Cholecystectomy	37	0.0	2.4	*	0.0	4.2	*	0.0	5.4	*
Hysterectomy	21	4.8	1.6	*	4.8	3.5	*	4.8	5.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,515	8.3	8.4	0.9	13.0	13.4	1.0	16.4	17.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	34	29.4	28.0	*	38.2	31.8	*	41.2	35.6	*
Congestive Heart Failure	61	21.3	17.8	7.0	26.2	26.6	6.0	32.8	33.5	6.5
Pneumonia/Influenza	46	15.2	16.5	*	19.6	22.3	*	21.7	27.1	*
Chronic Obstructive Pulmonary Disease	22	18.2	11.3	*	22.7	19.3	*	27.3	26.0	*
Transient Cerebral Ischemia	11	0.0	2.3	*	0.0	4.9	*	0.0	7.6	*
Stroke	66	21.2	20.5	5.1	31.8	27.3	6.6	40.9	31.8	8.3
Hip Fracture	44	4.5	6.9	*	4.5	12.4	*	4.5	16.0	*
Sepsis	14	50.0	25.6	*	50.0	33.5	*	50.0	39.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.5	*	0.0	7.5	*	0.0	11.1	*
Carotid Endarterectomy	10	10.0	1.8	*	10.0	3.5	*	10.0	5.2	*
Hip Replacement/Reconstruction	42	4.8	2.3	*	4.8	4.5	*	4.8	6.0	*
Open Reduction of Hip Fracture	21	0.0	6.0	*	0.0	11.4	*	0.0	14.9	*
Prostatectomy	50	0.0	1.3	*	4.0	2.8	*	4.0	4.4	*
Cholecystectomy	36	0.0	3.2	*	0.0	5.7	*	5.6	7.6	*
Hysterectomy	18	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST FRANCIS HOSPITAL INC

3237 South 16th Street
Milwaukee, WI 53215

Medicare Provider Number: 520078

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,465	8.9	8.9	0.8	14.3	13.6	1.0	18.4	17.3	1.3
CONDITIONS:										
Acute Myocardial Infarction	48	31.2	27.6	*	33.3	30.8	*	39.6	34.1	*
Congestive Heart Failure	139	19.4	15.8	5.2	28.8	24.5	7.1	34.5	31.6	5.8
Pneumonia/Influenza	91	16.5	16.9	5.9	26.4	22.7	5.3	26.4	27.4	4.9
Chronic Obstructive Pulmonary Disease	18	0.0	9.6	*	16.7	16.4	*	16.7	22.2	*
Transient Cerebral Ischemia	48	4.2	1.9	*	4.2	4.1	*	8.3	6.5	*
Stroke	82	18.3	20.3	5.5	23.2	27.3	6.9	28.0	31.7	7.0
Hip Fracture	59	8.5	7.5	4.5	10.2	13.1	5.5	13.6	16.6	6.5
Sepsis	58	31.0	29.6	6.1	37.9	38.8	6.5	46.6	44.5	6.8
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	5.6	2.5	*	11.1	5.4	*	11.1	8.2	*
Carotid Endarterectomy	12	0.0	1.5	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	72	1.4	1.8	1.8	1.4	3.3	2.9	1.4	4.6	3.8
Open Reduction of Hip Fracture	39	10.3	7.2	*	12.8	13.0	*	17.9	16.6	*
Prostatectomy	101	2.0	1.3	1.4	5.9	2.9	2.9	7.9	4.8	3.9
Cholecystectomy	55	3.6	2.3	2.5	5.5	4.2	3.2	5.5	5.6	3.6
Hysterectomy	31	0.0	0.7	*	0.0	1.3	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	279
Occupancy Rate	61
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	303
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	198
Licensed Practical Nurses	26

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST FRANCIS HOSPITAL INC

Medicare Provider Number: 520078

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,249	9.8	9.0	0.8	14.7	13.9	0.9	18.5	17.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	39	43.6	29.3	*	53.8	33.3	*	56.4	37.1	*
Congestive Heart Failure	159	17.0	16.4	3.1	27.0	24.9	4.1	37.1	31.8	6.5
Pneumonia/Influenza	85	24.7	20.8	9.1	30.6	27.6	8.3	35.3	32.6	9.3
Chronic Obstructive Pulmonary Disease	26	23.1	11.4	*	30.8	16.9	*	30.8	21.4	*
Transient Cerebral Ischemia	55	1.8	1.9	*	5.5	3.9	*	9.1	6.1	*
Stroke	77	19.5	19.9	4.7	31.2	26.7	6.4	32.5	31.3	5.4
Hip Fracture	58	5.2	7.6	5.2	12.1	13.5	6.4	13.8	17.1	6.0
Sepsis	29	27.6	28.8	*	41.4	38.3	*	48.3	44.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	14.3	4.0	*	14.3	8.5	*	14.3	12.5	*
Carotid Endarterectomy	17	5.9	1.5	*	11.8	2.7	*	11.8	4.0	*
Hip Replacement/Reconstruction	45	4.4	3.6	*	8.9	6.9	*	8.9	9.2	*
Open Reduction of Hip Fracture	33	6.1	7.3	*	12.1	13.4	*	15.2	17.2	*
Prostatectomy	89	3.4	1.0	1.6	4.5	2.3	3.2	10.1	3.8	3.0
Cholecystectomy	55	5.5	3.2	4.0	10.9	5.8	5.9	14.5	7.4	6.5
Hysterectomy	31	0.0	1.9	*	0.0	3.4	*	3.2	4.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,223	7.4	8.2	0.9	12.2	12.6	0.9	15.6	16.1	1.1
CONDITIONS:										
Acute Myocardial Infarction	64	37.5	30.7	12.6	43.8	34.2	12.2	43.8	37.8	10.8
Congestive Heart Failure	147	17.0	16.0	3.4	28.6	23.9	6.0	34.7	30.6	6.1
Pneumonia/Influenza	62	11.3	15.8	7.3	19.4	21.3	5.5	25.8	25.8	5.7
Chronic Obstructive Pulmonary Disease	13	0.0	7.1	*	7.7	12.0	*	15.4	16.4	*
Transient Cerebral Ischemia	39	0.0	2.2	*	0.0	4.7	*	0.0	7.5	*
Stroke	80	18.8	22.1	6.9	23.7	29.2	8.5	30.0	33.6	6.5
Hip Fracture	53	3.8	8.0	4.7	7.5	14.1	7.2	11.3	18.0	7.5
Sepsis	36	25.0	28.5	*	36.1	36.1	*	44.4	42.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	11.8	3.1	*	11.8	6.7	*	11.8	10.2	*
Carotid Endarterectomy	19	0.0	1.6	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction	41	2.4	2.8	*	4.9	5.2	*	7.3	6.8	*
Open Reduction of Hip Fracture	33	6.1	7.2	*	9.1	13.6	*	12.1	17.6	*
Prostatectomy	108	0.9	1.2	1.7	2.8	2.8	3.4	8.3	4.7	4.6
Cholecystectomy	49	4.1	3.8	*	8.2	7.1	*	8.2	9.5	*
Hysterectomy	24	0.0	0.9	*	0.0	2.1	*	4.2	3.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

517.1

ST. FRANCIS HOSPITAL
3237 SOUTH 16TH STREET | P.O. BOX 15750 | MILWAUKEE, WI 53215 | 414/647-5000

ADMIN. FAX: (414) 647-55
LIBRARY FAX: (414) 647-51

January 7, 1991

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

My purpose in writing is to comment on the FY 1989 Medicare Hospital Mortality Rate report scheduled for public release this spring, 1991. At St. Francis Hospital we welcome credible efforts to organize and disseminate meaningful data regarding hospital quality. Such information, when combined with cost data, can lead to useful conclusions about the value of hospital services in our community. While the Report should not be used to draw conclusions about hospital quality, it can serve as another indicator for further investigation and improvement in hospital services. We find the Report to be useful in this respect.

The data appears to be highly accurate. Each of the 191 deaths listed as having occurred in our Hospital in FY 1989 was reviewed for accuracy of all the data elements. We found no discrepancies. We also believe the changes made to the reporting format from one year ago are substantial improvements.

To further improve the Report, it would be more useful to collate data by cause of death rather than by principle diagnosis. Principle diagnosis (that is, the reason for admission) is often unrelated to the cause of death. The 1989 data, for example, includes one patient admitted for broken ribs but who died from renal failure for which the patient had been under long term treatment. In another case, a patient admitted for a urinary tract infection died of an underlying cancer of many years. In both cases, the local Peer Review Organization verified the accurate coding of the principle diagnoses but they were unrelated to the cause of death. There are many such cases in the FY 1989 data which can mislead anyone attempting to use or draw conclusions from the Report.

St. Francis plans to use the data in our quality assurance program. After applying even the most stringent statistical tests, we found that none of the mortality rates exceeded the acceptable limits. In other words, statistical methods suggest that any variance between our hospital-specific rate and the predicted rate is due to randomness. Nevertheless, there are categories where our actual rate has consistently been below or above the predicated rate for each of the last three years. We will use this trend as an indication for further study.

Thank you for the opportunity to comment.

Sincerely,

David K. Hoover
Executive Vice President &
Chief Operating Officer

pc

ST FRANCIS MEDICAL CENTER INC

700 West Ave S
La Crosse, WI 54601

Medicare Provider Number: 520004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,872	7.9	8.1	0.9	12.1	12.5	1.2	15.4	16.0	0.9
CONDITIONS:										
Acute Myocardial Infarction	61	24.6	31.6	9.0	27.9	35.2	7.9	37.7	38.8	7.3
Congestive Heart Failure	92	15.2	13.3	3.7	26.1	20.7	4.7	37.0	27.0	6.8
Pneumonia/Influenza	67	13.4	15.6	5.1	13.4	21.3	7.3	16.4	25.7	8.5
Chronic Obstructive Pulmonary Disease	25	8.0	7.8	*	16.0	13.4	*	16.0	18.3	*
Transient Cerebral Ischemia	21	0.0	1.9	*	9.5	4.2	*	14.3	6.6	*
Stroke	71	26.8	17.7	8.5	32.4	24.4	8.2	35.2	28.7	7.8
Hip Fracture	63	4.8	7.3	3.8	4.8	12.9	6.3	9.5	16.4	6.7
Sepsis	32	12.5	23.8	*	25.0	30.7	*	28.1	36.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	3.3	*	0.0	5.8	*	0.0	8.1	*
Carotid Endarterectomy	4	0.0	1.5	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction	46	2.2	3.4	*	2.2	6.3	*	2.2	8.4	*
Open Reduction of Hip Fracture	12	8.3	10.4	*	8.3	18.8	*	16.7	23.9	*
Prostatectomy	86	2.3	1.1	1.9	2.3	2.8	2.1	3.5	4.8	3.1
Cholecystectomy	43	4.7	3.0	*	7.0	5.2	*	9.3	6.7	*
Hysterectomy	14	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	239
Occupancy Rate	61
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	103
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	15
Registered Nurses	202
Licensed Practical Nurses	42

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST FRANCIS MEDICAL CENTER INC

Medicare Provider Number: 520004

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,876	9.4	9.4	1.0	12.7	14.0	1.1	15.8	17.6	1.3
CONDITIONS:										
Acute Myocardial Infarction	62	25.8	30.2	8.0	29.0	33.3	9.7	29.0	36.9	12.1
Congestive Heart Failure	95	13.7	15.7	3.9	18.9	23.9	5.5	23.2	30.7	6.8
Pneumonia/Influenza	88	19.3	17.5	4.4	26.1	23.6	7.7	30.7	28.2	5.9
Chronic Obstructive Pulmonary Disease	19	5.3	7.2	*	5.3	11.6	*	15.8	15.8	*
Transient Cerebral Ischemia	16	0.0	2.3	*	0.0	4.9	*	0.0	7.7	*
Stroke	79	22.8	23.7	5.6	27.8	30.1	7.1	27.8	34.7	8.6
Hip Fracture	66	13.6	6.4	4.7	18.2	11.5	5.1	18.2	14.7	5.1
Sepsis	45	15.6	24.9	*	20.0	32.8	*	24.4	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	9.1	*	16.7	13.0	*	16.7	16.2	*
Carotid Endarterectomy	1	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*
Hip Replacement/Reconstruction	44	2.3	3.6	*	6.8	7.0	*	9.1	9.1	*
Open Reduction of Hip Fracture	15	13.3	5.6	*	13.3	10.1	*	13.3	13.0	*
Prostatectomy	76	0.0	1.1	1.5	0.0	2.6	2.7	1.3	4.2	3.2
Cholecystectomy	53	3.8	3.3	3.5	3.8	5.5	3.9	5.7	6.8	3.7
Hysterectomy	19	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,897	9.7	9.9	1.0	14.4	14.9	1.1	18.2	18.7	1.1
CONDITIONS:										
Acute Myocardial Infarction	58	32.8	30.4	6.9	41.4	34.2	8.0	46.6	37.7	7.8
Congestive Heart Failure	90	15.6	17.0	5.6	28.9	25.2	5.1	31.1	32.0	5.1
Pneumonia/Influenza	59	15.3	17.9	7.9	22.0	24.8	6.5	30.5	30.0	6.2
Chronic Obstructive Pulmonary Disease	23	4.3	8.9	*	4.3	14.0	*	13.0	18.7	*
Transient Cerebral Ischemia	31	0.0	2.5	*	0.0	5.5	*	0.0	8.4	*
Stroke	93	21.5	23.4	4.9	24.7	30.2	5.9	29.0	34.8	6.2
Hip Fracture	69	11.6	7.5	5.3	15.9	13.6	4.6	18.8	17.6	4.7
Sepsis	32	25.0	29.3	*	34.4	38.3	*	37.5	44.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	3.4	*	0.0	6.7	*	0.0	9.8	*
Carotid Endarterectomy	5	0.0	1.6	*	0.0	3.0	*	0.0	4.2	*
Hip Replacement/Reconstruction	51	5.9	3.7	4.4	11.8	7.0	5.3	11.8	9.2	5.0
Open Reduction of Hip Fracture	24	8.3	6.7	*	12.5	12.7	*	20.8	16.9	*
Prostatectomy	68	4.4	1.2	3.0	4.4	3.0	2.8	5.9	5.1	3.3
Cholecystectomy	29	6.9	4.1	*	6.9	7.4	*	6.9	9.4	*
Hysterectomy	21	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPH HOSPITAL

464 S St Joseph Avenue
Arcadia, WI 54612

Medicare Provider Number: 520142

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	71	7.0	9.9	4.1	11.3	14.2	4.9	15.5	17.9	4.9
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	33.4	*	25.0	38.0	*	50.0	42.3	*
Congestive Heart Failure	9	0.0	15.7	*	11.1	23.6	*	22.2	30.2	*
Pneumonia/Influenza	2	50.0	19.5	*	50.0	25.4	*	50.0	30.6	*
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	1	0.0	6.9	*	0.0	16.7	*	0.0	27.0	*
Stroke	3	0.0	17.7	*	0.0	24.7	*	0.0	29.5	*
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.3	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	2	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	101
Occupancy Rate	76
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	4
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	7
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPH HOSPITAL

Medicare Provider Number: 520142

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	72	8.3	10.7	3.8	11.1	15.9	4.9	11.1	19.9	5.9
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	32.6	*	0.0	36.1	*	0.0	39.6	*
Congestive Heart Failure	1	0.0	9.2	*	0.0	14.1	*	0.0	18.8	*
Pneumonia/Influenza	7	28.6	17.3	*	28.6	23.2	*	28.6	28.0	*
Chronic Obstructive Pulmonary Disease	1	0.0	13.1	*	0.0	24.2	*	0.0	33.0	*
Transient Cerebral Ischemia	2	0.0	2.0	*	0.0	4.9	*	0.0	8.2	*
Stroke	1	0.0	20.0	*	0.0	25.7	*	0.0	30.3	*
Hip Fracture	0									
Sepsis	3	33.3	40.3	*	66.7	45.8	*	66.7	51.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	2	0.0	1.4	*	0.0	2.9	*	0.0	4.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	99	8.1	10.8	3.7	15.2	16.5	5.1	17.2	20.7	6.2
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	22.4	*	50.0	26.2	*	50.0	29.7	*
Congestive Heart Failure	6	33.3	17.8	*	50.0	27.4	*	50.0	35.0	*
Pneumonia/Influenza	2	50.0	22.0	*	50.0	29.4	*	50.0	35.5	*
Chronic Obstructive Pulmonary Disease	1	0.0	10.5	*	0.0	18.0	*	0.0	23.8	*
Transient Cerebral Ischemia	1	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Stroke	4	0.0	27.0	*	50.0	36.0	*	50.0	41.6	*
Hip Fracture	0									
Sepsis	1	0.0	27.0	*	0.0	38.2	*	0.0	45.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*
Cholecystectomy	3	0.0	4.1	*	0.0	7.6	*	0.0	9.5	*
Hysterectomy	1	0.0	3.0	*	0.0	7.0	*	0.0	11.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPHS COMMUNITY HOSPITAL

551 Silverbrook Drive
West Bend, WI 53095

Medicare Provider Number: 520063

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	965	7.6	9.4	1.7	12.0	13.9	1.9	15.9	17.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	35	28.6	23.7	*	34.3	26.9	*	45.7	30.2	*
Congestive Heart Failure	59	8.5	14.7	6.0	20.3	22.3	5.6	25.4	28.8	6.7
Pneumonia/Influenza	42	19.0	15.1	*	28.6	20.9	*	28.6	25.3	*
Chronic Obstructive Pulmonary Disease	14	0.0	6.8	*	0.0	12.3	*	7.1	17.1	*
Transient Cerebral Ischemia	5	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke	49	14.3	19.8	*	18.4	27.5	*	22.4	32.3	*
Hip Fracture	35	5.7	6.5	*	8.6	11.5	*	14.3	14.9	*
Sepsis	15	0.0	23.2	*	6.7	28.3	*	6.7	33.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	27	3.7	3.3	*	3.7	6.4	*	14.8	8.7	*
Open Reduction of Hip Fracture	21	4.8	6.0	*	9.5	11.2	*	9.5	14.7	*
Prostatectomy	53	0.0	0.8	2.6	5.7	2.0	2.7	11.3	3.6	4.2
Cholecystectomy	25	4.0	3.8	*	4.0	6.5	*	8.0	8.2	*
Hysterectomy	12	0.0	1.3	*	0.0	2.7	*	0.0	4.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	128
Occupancy Rate	44
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	64
Percent of Physicians Board Certified Specialists	69
Medical Residents/Interns	0
Registered Nurses	99
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS COMMUNITY HOSPITAL

Medicare Provider Number: 520063

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	929	8.6	8.8	1.1	12.7	13.2	1.8	15.5	16.6	1.8
CONDITIONS:										
Acute Myocardial Infarction	24	16.7	28.7	*	20.8	31.8	*	33.3	35.1	*
Congestive Heart Failure	55	18.2	17.7	6.0	25.5	26.3	6.4	32.7	33.1	7.5
Pneumonia/Influenza	29	10.3	17.6	*	17.2	24.7	*	24.1	29.9	*
Chronic Obstructive Pulmonary Disease	8	12.5	9.6	*	25.0	18.0	*	25.0	25.4	*
Transient Cerebral Ischemia	16	0.0	2.7	*	0.0	6.2	*	0.0	10.0	*
Stroke	43	25.6	23.9	*	32.6	31.8	*	37.2	36.7	*
Hip Fracture	26	11.5	10.3	*	19.2	18.5	*	19.2	23.5	*
Sepsis	17	41.2	26.8	*	41.2	34.1	*	47.1	39.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	20	10.0	2.9	*	15.0	5.2	*	15.0	6.7	*
Open Reduction of Hip Fracture	16	0.0	8.0	*	0.0	15.3	*	0.0	20.1	*
Prostatectomy	51	0.0	1.8	2.5	0.0	3.6	4.1	2.0	5.1	4.1
Cholecystectomy	27	0.0	1.6	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy	10	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	876	9.0	10.0	1.2	12.9	14.6	1.6	15.9	18.1	2.0
CONDITIONS:										
Acute Myocardial Infarction	33	30.3	30.6	*	36.4	34.9	*	36.4	38.8	*
Congestive Heart Failure	52	25.0	15.2	9.4	34.6	22.7	10.7	40.4	29.2	10.3
Pneumonia/Influenza	32	6.3	16.1	*	12.5	21.7	*	18.8	26.4	*
Chronic Obstructive Pulmonary Disease	10	20.0	12.7	*	20.0	20.2	*	20.0	25.9	*
Transient Cerebral Ischemia	21	0.0	2.1	*	0.0	4.5	*	14.3	7.2	*
Stroke	37	10.8	25.9	*	21.6	33.5	*	27.0	38.3	*
Hip Fracture	27	0.0	5.7	*	0.0	10.4	*	3.7	13.5	*
Sepsis	9	22.2	23.6	*	22.2	30.2	*	22.2	35.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	6.5	*	0.0	12.5	*	0.0	17.3	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	5.3	1.4	*	5.3	2.8	*	5.3	3.8	*
Open Reduction of Hip Fracture	19	0.0	5.1	*	0.0	9.5	*	5.3	12.6	*
Prostatectomy	43	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy	25	4.0	3.5	*	4.0	6.4	*	4.0	8.7	*
Hysterectomy	5	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST JOSEPHS HOSPITAL

2661 County Trunk I
Chippewa Falls, WI 54729

Medicare Provider Number: 520017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	970	8.5	7.6	1.2	11.9	11.7	1.1	15.1	15.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	35	40.0	27.2	*	40.0	31.0	*	40.0	34.7	*
Congestive Heart Failure	54	20.4	14.3	8.2	27.8	22.2	8.6	31.5	28.9	6.6
Pneumonia/Influenza	47	17.0	12.4	*	21.3	17.3	*	34.0	21.3	*
Chronic Obstructive Pulmonary Disease	11	9.1	8.0	*	18.2	12.5	*	18.2	16.6	*
Transient Cerebral Ischemia	16	0.0	1.8	*	0.0	4.2	*	6.3	6.8	*
Stroke	43	25.6	18.4	*	30.2	25.0	*	32.6	29.4	*
Hip Fracture	39	2.6	5.2	*	7.7	9.6	*	7.7	12.8	*
Sepsis	8	25.0	25.3	*	37.5	35.2	*	37.5	42.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	34	2.9	1.8	*	5.9	3.6	*	5.9	5.0	*
Open Reduction of Hip Fracture	15	0.0	4.3	*	0.0	8.5	*	0.0	11.6	*
Prostatectomy	20	0.0	1.8	*	0.0	4.6	*	0.0	7.6	*
Cholecystectomy	19	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	5	0.0	1.5	*	0.0	3.2	*	0.0	5.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	130
Occupancy Rate	56
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	61
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	74
Licensed Practical Nurses	15

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS HOSPITAL

Medicare Provider Number: 520017

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	952	7.5	8.0	1.3	10.9	12.6	1.9	14.2	16.1	2.4
CONDITIONS:										
Acute Myocardial Infarction	23	52.2	33.4	*	56.5	37.9	*	60.9	42.0	*
Congestive Heart Failure	42	4.8	14.7	*	11.9	22.7	*	16.7	29.4	*
Pneumonia/Influenza	44	15.9	15.2	*	20.5	20.3	*	22.7	24.5	*
Chronic Obstructive Pulmonary Disease	9	11.1	12.9	*	11.1	21.7	*	11.1	28.5	*
Transient Cerebral Ischemia	8	0.0	2.8	*	0.0	6.2	*	0.0	10.0	*
Stroke	41	22.0	18.9	*	26.8	26.3	*	36.6	30.9	*
Hip Fracture	36	19.4	5.5	*	19.4	10.7	*	19.4	14.2	*
Sepsis	7	0.0	26.7	*	28.6	34.4	*	28.6	39.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	13.6	2.4	*	13.6	4.7	*	13.6	6.5	*
Open Reduction of Hip Fracture	11	9.1	5.3	*	9.1	10.4	*	9.1	14.0	*
Prostatectomy	22	0.0	0.8	*	0.0	2.1	*	0.0	3.5	*
Cholecystectomy	20	0.0	1.8	*	0.0	3.3	*	5.0	4.4	*
Hysterectomy	1	0.0	0.3	*	0.0	0.7	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	912	9.2	7.9	1.1	14.3	12.3	1.7	17.0	15.9	1.4
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	29.8	*	33.3	33.4	*	42.9	37.0	*
Congestive Heart Failure	52	13.5	17.1	6.1	25.0	25.8	6.1	28.8	32.9	8.0
Pneumonia/Influenza	32	25.0	18.3	*	28.1	25.1	*	31.3	30.4	*
Chronic Obstructive Pulmonary Disease	15	13.3	5.5	*	26.7	10.4	*	26.7	15.0	*
Transient Cerebral Ischemia	9	0.0	3.0	*	0.0	7.0	*	11.1	11.6	*
Stroke	41	17.1	20.8	*	24.4	28.4	*	31.7	33.2	*
Hip Fracture	35	8.6	6.4	*	8.6	11.8	*	11.4	15.3	*
Sepsis	7	14.3	29.2	*	42.9	37.8	*	42.9	44.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	5.1	*	0.0	10.4	*	0.0	14.7	*
Carotid Endarterectomy	2	0.0	1.1	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction	17	0.0	3.8	*	0.0	7.3	*	0.0	9.9	*
Open Reduction of Hip Fracture	8	25.0	4.8	*	25.0	9.4	*	37.5	12.8	*
Prostatectomy	39	0.0	0.8	*	2.6	2.2	*	2.5	3.8	*
Cholecystectomy	15	0.0	3.6	*	0.0	5.9	*	0.0	7.3	*
Hysterectomy	4	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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St JOSEPH'S HOSPITAL

2661 County Trunk I
Chippewa Falls, WI 54729
715-723-1811
Fax 715-723-9322

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

January 14, 1991

Dear Mrs. Sandra Kappert:

After having reviewed Medicare mortality information supplied by the Health Care Financing Administration (HCFA), my belief remains steadfast that such data alone is not meaningful. The data cannot be interpreted as a guide to hospital performance and it is of limited use to consumers.

Although HCFA has made changes in its presentation of the data analysis, these adjustments do not offer greater evidence that a hospital exceeds its expected or predicted mortality rate because of poor quality of care. Quality is not being measured. Even though the data identifies differences in mortality among hospital patient populations, they do not explain why they are different. Much of the difference in hospital mortality rates, especially for deaths that have occurred after the individual left the hospital, can be explained by other factors.

What has been and what will continue to be the best method to monitor hospital performance is through quality assurance programs conducted internally by hospitals. Such programs force hospitals to use data to identify problems, investigate the nature of the problem and develop a plan of action to resolve it. Mortality information is a small part of any hospital's efforts to monitor quality of care; broader quality assurance programs guide hospitals in this responsibility.

St. Joseph's Hospital will continue to use an effective quality assurance program and peer review in order to monitor our level of care and assure that the highest quality of care is given. The federal government need not intervene in an area already being addressed by health care providers. Afterall, hasn't the Bush administration and its predecessor stated less government involvement is better?

Sincerely,

David B. Fish

David B. Fish
Executive Vice President

ST JOSEPHS HOSPITAL

611 St Joseph Avenue
Marshfield, WI 54449

Medicare Provider Number: 520037

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,335	7.1	9.2	0.5	11.6	14.6	0.7	14.9	18.8	0.7
CONDITIONS:										
Acute Myocardial Infarction	115	20.0	33.4	5.7	23.5	38.5	6.5	23.5	42.9	6.7
Congestive Heart Failure	132	13.6	18.8	4.0	17.4	28.1	5.1	22.0	35.9	6.0
Pneumonia/Influenza	104	13.5	22.3	6.6	22.1	29.9	7.7	26.9	35.9	7.6
Chronic Obstructive Pulmonary Disease	32	12.5	10.9	*	15.6	20.6	*	18.8	29.1	*
Transient Cerebral Ischemia	50	0.0	2.3	*	0.0	5.3	*	2.0	8.3	*
Stroke	127	19.7	24.7	5.6	25.2	31.6	5.3	29.9	36.6	6.0
Hip Fracture	71	1.4	9.8	4.8	8.5	17.3	6.3	9.9	22.3	7.1
Sepsis	40	15.0	25.6	*	22.5	34.8	*	25.0	41.8	*
PROCEDURES:										
Angioplasty	64	1.6	3.2	3.0	1.6	4.3	3.7	1.6	5.5	4.4
Coronary Artery Bypass Graft	167	9.0	6.8	3.3	13.2	9.9	3.1	16.2	11.7	3.3
Initial Pacemaker Insertion	24	0.0	4.6	*	4.2	9.2	*	4.2	13.3	*
Carotid Endarterectomy	46	0.0	1.6	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	114	0.0	2.5	1.9	1.8	4.7	2.7	2.6	6.3	3.0
Open Reduction of Hip Fracture	34	0.0	8.8	*	8.8	16.2	*	8.8	21.4	*
Prostatectomy	163	1.2	0.8	1.0	1.8	2.1	1.4	3.1	3.6	2.1
Cholecystectomy	91	3.3	5.4	4.0	8.8	9.9	5.1	11.0	13.3	4.5
Hysterectomy	55	0.0	1.4	*	0.0	2.5	*	0.0	3.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	524
Occupancy Rate	65
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	246
Percent of Physicians Board Certified Specialists	85
Medical Residents/Interns	0
Registered Nurses	382
Licensed Practical Nurses	46

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS HOSPITAL

Medicare Provider Number: 520037

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,319	7.2	9.1	0.5	11.6	14.4	0.7	14.2	18.5	0.7
CONDITIONS:										
Acute Myocardial Infarction	107	27.1	32.0	5.1	32.7	35.9	5.0	33.6	39.8	5.7
Congestive Heart Failure	130	17.7	19.0	3.6	25.4	28.5	4.4	29.2	36.1	5.9
Pneumonia/Influenza	88	21.6	20.7	4.5	26.1	27.8	5.0	27.3	33.3	5.7
Chronic Obstructive Pulmonary Disease	22	13.6	13.3	*	31.8	22.3	*	31.8	29.1	*
Transient Cerebral Ischemia	65	0.0	1.9	*	0.0	4.1	*	3.1	6.3	*
Stroke	100	26.0	27.7	4.8	33.0	35.1	5.9	37.0	40.4	5.2
Hip Fracture	73	11.0	9.7	3.9	13.7	17.4	5.8	16.4	22.1	6.9
Sepsis	35	28.6	31.1	*	31.4	40.0	*	34.3	46.5	*
PROCEDURES:										
Angioplasty	29	0.0	4.2	*	3.4	5.5	*	3.4	6.8	*
Coronary Artery Bypass Graft	196	2.6	7.3	2.7	5.6	10.0	3.0	6.6	11.6	3.2
Initial Pacemaker Insertion	39	10.3	6.7	*	10.3	11.1	*	12.8	14.9	*
Carotid Endarterectomy	33	3.0	1.8	*	3.0	3.4	*	3.0	4.9	*
Hip Replacement/Reconstruction	99	1.0	3.2	2.2	3.0	6.2	3.3	5.1	8.3	3.5
Open Reduction of Hip Fracture	35	14.3	8.1	*	14.3	15.0	*	17.1	19.4	*
Prostatectomy	175	0.0	1.4	1.4	1.1	3.2	2.1	2.9	5.0	2.7
Cholecystectomy	124	2.4	5.8	2.8	6.5	9.8	3.3	8.1	12.5	4.2
Hysterectomy	43	7.0	2.0	*	9.3	3.8	*	9.3	5.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,924	7.2	9.1	0.5	11.5	14.3	0.6	14.5	18.4	0.7
CONDITIONS:										
Acute Myocardial Infarction	100	25.0	32.1	8.4	27.0	35.6	8.9	30.0	39.1	9.3
Congestive Heart Failure	143	14.7	16.5	4.4	18.9	24.9	6.1	26.6	31.9	6.2
Pneumonia/Influenza	93	15.1	19.1	7.9	22.6	25.7	6.8	28.0	31.0	6.7
Chronic Obstructive Pulmonary Disease	25	16.0	11.2	*	20.0	18.1	*	20.0	23.7	*
Transient Cerebral Ischemia	59	1.7	1.4	1.6	1.7	2.9	2.6	1.7	4.5	3.9
Stroke	113	18.6	24.3	5.1	22.1	30.9	6.0	23.9	35.8	7.1
Hip Fracture	65	6.2	8.8	3.7	9.2	15.3	5.9	10.8	19.4	6.7
Sepsis	35	25.7	31.6	*	34.3	41.0	*	37.1	47.9	*
PROCEDURES:										
Angioplasty	21	0.0	4.4	*	0.0	5.2	*	0.0	6.2	*
Coronary Artery Bypass Graft	172	1.7	6.9	2.5	4.1	9.6	3.1	4.7	11.3	3.1
Initial Pacemaker Insertion	46	2.2	3.4	*	4.3	6.7	*	6.5	9.8	*
Carotid Endarterectomy	36	0.0	1.8	*	2.8	3.5	*	2.8	5.1	*
Hip Replacement/Reconstruction	63	0.0	3.3	4.1	4.8	5.9	3.2	4.8	7.5	4.4
Open Reduction of Hip Fracture	25	4.0	6.8	*	4.0	12.5	*	8.0	16.3	*
Prostatectomy	136	0.7	0.8	0.9	1.5	1.9	1.3	2.9	3.2	1.5
Cholecystectomy	97	3.1	3.3	3.6	4.1	6.2	4.6	5.2	8.4	5.0
Hysterectomy	43	0.0	0.9	*	0.0	1.9	*	4.7	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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SAINT JOSEPH'S HOSPITAL

A MEMBER OF MINISTRY CORPORATION
SISTERS OF THE SORROWFUL MOTHER

Comments on HCFA Mortality Data

The HCFA Mortality Data indicates that Saint Joseph's Hospital's mortality rate for all causes falls within the HCFA predicted range for Medicare patients.

We would like the reader to keep in mind several factors when reviewing this data:

1. This data is meant to be used as screening data, and not as an indicator of quality. It may be used to point to areas that warrant further review and explanation, however, the data in and of itself does not indicate either good or bad quality of care provided.

2. Saint Joseph's Hospital, in conjunction with the Marshfield Clinic, serves as a major referral center for northern and central Wisconsin. As a result, patients who are more critically ill and in need of complex treatment are often referred to Saint Joseph's Hospital for their care. Also, as a tertiary care center, Saint Joseph's provides specialty services which may have an impact on the mortality rate due to the nature of the illness of patients utilizing those services. Examples of such services include a hospice program and a referral center cancer treatment program.

3. Saint Joseph's Hospital also has a comprehensive Quality Assurance program which includes total review of all patients using a set of indicators. As a part of this review, all deaths that occur in the hospital are reviewed on an on-going basis.

Roger C. Paavola
President and CEO

Date 1/9/91

611 SAINT JOSEPH AVENUE
MARSHFIELD, WISCONSIN 54449-1898

ST JOSEPHS HOSPITAL

5000 West Chambers Street
Milwaukee, WI 53210

Medicare Provider Number: 520136

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,949	9.8	8.2	0.5	14.2	13.1	0.7	17.9	16.9	0.7
CONDITIONS:										
Acute Myocardial Infarction	143	29.4	26.0	4.7	31.5	29.5	4.5	34.3	33.0	4.3
Congestive Heart Failure	303	15.5	14.1	2.4	22.8	22.1	2.6	29.0	28.9	2.6
Pneumonia/Influenza	156	20.5	16.6	4.3	32.7	22.9	5.1	39.7	27.8	5.8
Chronic Obstructive Pulmonary Disease	52	9.6	6.5	5.1	19.2	11.6	7.6	25.0	16.2	8.6
Transient Cerebral Ischemia	71	2.8	1.8	3.1	5.6	4.0	3.0	7.0	6.3	3.1
Stroke	174	24.7	20.0	5.5	31.6	26.7	6.3	36.8	31.2	7.0
Hip Fracture	134	3.0	5.2	2.8	4.5	9.8	4.3	9.0	13.1	4.3
Sepsis	37	27.0	23.7	*	29.7	31.9	*	37.8	38.5	*
PROCEDURES:										
Angioplasty	120	1.7	2.6	1.8	1.7	3.5	2.5	2.5	4.5	3.1
Coronary Artery Bypass Graft	120	6.7	5.3	2.3	8.3	7.5	2.6	8.3	8.9	3.0
Initial Pacemaker Insertion	30	0.0	2.8	*	3.3	5.8	*	10.0	8.9	*
Carotid Endarterectomy	25	4.0	1.4	*	4.0	2.6	*	4.0	3.8	*
Hip Replacement/Reconstruction	124	2.4	3.5	2.6	4.8	6.9	3.4	8.1	9.6	3.2
Open Reduction of Hip Fracture	49	2.0	4.9	*	2.0	9.4	*	4.1	12.6	*
Prostatectomy	189	0.5	0.9	0.7	2.1	2.1	1.6	2.6	3.6	2.1
Cholecystectomy	88	0.0	2.2	*	0.0	4.0	*	0.0	5.2	*
Hysterectomy	50	2.0	1.0	*	2.0	2.4	*	6.0	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	470
Occupancy Rate	82
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	355
Percent of Physicians Board Certified Specialists	62
Medical Residents/Interns	28
Registered Nurses	630
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS HOSPITAL

Medicare Provider Number: 520136

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,618	9.7	8.8	0.6	14.6	13.6	0.7	18.5	17.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	137	27.7	28.6	4.2	31.4	31.9	4.9	32.8	35.4	5.4
Congestive Heart Failure	238	16.4	15.5	2.8	27.3	23.9	5.0	34.0	30.7	5.8
Pneumonia/Influenza	142	17.6	16.6	5.5	26.8	22.8	6.7	31.7	27.5	8.6
Chronic Obstructive Pulmonary Disease	50	10.0	7.1	*	10.0	12.3	*	14.0	16.9	*
Transient Cerebral Ischemia	62	3.2	2.1	2.1	8.1	4.6	4.0	9.7	7.2	5.4
Stroke	154	19.5	21.1	5.2	26.0	28.1	5.8	30.5	32.8	5.7
Hip Fracture	121	7.4	5.9	3.9	16.5	11.0	4.5	18.2	14.4	4.1
Sepsis	39	33.3	28.2	*	38.5	37.3	*	46.2	44.1	*
PROCEDURES:										
Angioplasty	93	2.2	3.0	1.9	3.2	4.0	2.2	4.3	5.0	2.4
Coronary Artery Bypass Graft	112	9.8	7.7	3.2	14.3	10.6	4.3	17.0	12.2	5.4
Initial Pacemaker Insertion	34	0.0	5.2	*	11.8	8.9	*	17.6	11.9	*
Carotid Endarterectomy	40	5.0	1.5	*	5.0	2.9	*	5.0	4.2	*
Hip Replacement/Reconstruction	96	3.1	3.8	2.3	10.4	7.6	3.6	11.5	10.4	4.3
Open Reduction of Hip Fracture	46	8.7	5.2	*	15.2	10.0	*	17.4	13.3	*
Prostatectomy	151	2.6	1.0	1.6	3.3	2.5	2.1	5.3	4.2	2.1
Cholecystectomy	85	7.1	2.8	3.4	7.1	5.0	3.1	7.1	6.5	3.4
Hysterectomy	42	2.4	1.3	*	2.4	2.9	*	9.5	4.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	4,348	10.0	9.3	0.6	14.6	14.2	0.6	18.1	18.0	0.7
CONDITIONS:										
Acute Myocardial Infarction	141	29.8	30.1	4.8	34.0	33.8	5.7	35.5	37.3	4.8
Congestive Heart Failure	240	15.0	16.5	2.7	21.2	25.2	4.4	26.7	32.4	5.3
Pneumonia/Influenza	138	22.5	19.4	5.4	33.3	26.5	8.1	36.2	31.9	6.4
Chronic Obstructive Pulmonary Disease	50	8.0	12.0	*	8.0	19.4	*	14.0	24.9	*
Transient Cerebral Ischemia	54	3.7	2.1	3.2	3.7	4.5	4.2	3.7	7.1	6.4
Stroke	181	16.6	20.8	4.8	26.5	28.1	3.7	32.0	32.9	3.6
Hip Fracture	106	8.5	6.3	5.1	12.3	11.7	4.2	17.9	15.4	4.8
Sepsis	39	15.4	27.8	*	20.5	38.7	*	30.8	46.3	*
PROCEDURES:										
Angioplasty	64	1.6	3.3	2.9	1.6	4.2	3.4	1.6	5.3	4.1
Coronary Artery Bypass Graft	97	4.1	5.5	3.7	5.2	7.7	4.4	7.2	9.1	4.3
Initial Pacemaker Insertion	36	5.6	3.7	*	5.6	7.6	*	11.1	11.1	*
Carotid Endarterectomy	45	2.2	1.4	*	2.2	2.8	*	4.4	4.0	*
Hip Replacement/Reconstruction	97	2.1	4.0	3.9	7.2	8.0	2.9	12.4	11.0	3.4
Open Reduction of Hip Fracture	39	12.8	5.5	*	20.5	10.8	*	28.2	14.4	*
Prostatectomy	154	1.9	1.3	1.5	3.2	3.1	1.8	4.5	5.1	2.0
Cholecystectomy	78	2.6	3.3	2.7	2.6	5.7	4.4	5.1	7.3	4.6
Hysterectomy	46	0.0	0.8	*	0.0	1.4	*	2.2	2.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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St Joseph's
HOSPITAL·MILWAUKEE

5000 West Chambers Street · Milwaukee, WI 53210 · 414 447-2818

Thomas A. Reitinger
President

January 14, 1991

Mrs. Sandra Kappert
Health Care Financing Administration
2-D-2 Meadows East Building
6352 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We welcome the opportunity to respond to the Medicare Mortality data we have received from the Health Care Financing Administration. We have several concerns about the data.

They include:

- Severity of illness is a critical factor in evaluating mortality. HCFA uses some data elements that could indicate severity of illness, however, billing data was never intended to include severity factors or be used as a resource for quality data.

- During our review of our 1989 mortality data we identified that emergency room admissions were not correctly reported as a data item under source of admission. In all categories, patients admitted through the emergency department were incorrectly entered on the billing data as physician referrals. Since source of admission is one of the severity measures used in predicting mortality rates we believe the data inaccurately reflects our rates.

Our analysis of our own data indicates that 50% of the in-hospital deaths occurred in patients over the age of 77. A total of 97% of the patients who died were admitted on an urgent/emergent basis pointing to the gravity of illness on admission. For 84% of those who died, death was anticipated and 25% were admitted from nursing homes for terminal care.

Mrs. Sandra Kappert
Health Care Financing Administration
January 14, 1991
Page 2

At St. Joseph's Hospital we are committed to providing high quality care and will continue to work to see that we fulfill this mission. We do not feel that mortality data provides a definitive measurement of quality care nor does it translate into appropriate or inappropriate hospital care.

Sincerely,

Thomas A. Reitinger
President

TAR/jv

ST JOSEPHS MEMORIAL HOSPITAL

400 Water Avenue
Hillsboro, WI 54634

Medicare Provider Number: 520016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	273	9.5	8.3	2.3	13.6	12.8	2.5	17.6	16.7	2.7
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	36.7	*	36.4	40.3	*	36.4	44.3	*
Congestive Heart Failure	11	27.3	13.8	*	27.3	20.6	*	36.4	27.1	*
Pneumonia/Influenza	13	7.7	12.4	*	7.7	17.7	*	7.7	22.0	*
Chronic Obstructive Pulmonary Disease	2	50.0	8.1	*	50.0	15.1	*	50.0	21.3	*
Transient Cerebral Ischemia	7	0.0	1.4	*	0.0	3.1	*	0.0	5.0	*
Stroke	12	25.0	19.9	*	33.3	26.8	*	33.3	31.7	*
Hip Fracture	6	0.0	6.1	*	0.0	11.1	*	16.7	14.8	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	0.0	3.6	*	0.0	7.3	*	0.0	10.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	11	0.0	0.8	*	0.0	2.0	*	0.0	3.5	*
Cholecystectomy	5	0.0	1.9	*	0.0	2.9	*	0.0	3.5	*
Hysterectomy	3	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	90
Occupancy Rate	72
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST JOSEPHS MEMORIAL HOSPITAL

Medicare Provider Number: 520016

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	242	14.5	8.7	2.4	22.3	13.1	3.9	26.9	16.8	3.4
CONDITIONS:										
Acute Myocardial Infarction	5	40.0	36.2	*	60.0	38.9	*	60.0	42.3	*
Congestive Heart Failure	14	14.3	15.9	*	28.6	23.8	*	42.9	30.2	*
Pneumonia/Influenza	21	23.8	15.8	*	28.6	21.3	*	33.3	25.7	*
Chronic Obstructive Pulmonary Disease	5	20.0	9.7	*	40.0	15.3	*	40.0	20.3	*
Transient Cerebral Ischemia	7	0.0	3.3	*	14.3	7.9	*	28.6	13.1	*
Stroke	9	33.3	21.7	*	33.3	26.9	*	33.3	31.3	*
Hip Fracture	6	16.7	5.1	*	16.7	9.2	*	16.7	11.9	*
Sepsis	2	50.0	15.1	*	50.0	19.0	*	50.0	23.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	3.2	*	16.7	6.1	*	16.7	8.1	*
Open Reduction of Hip Fracture	1	0.0	3.7	*	0.0	6.7	*	0.0	8.8	*
Prostatectomy	5	0.0	1.0	*	0.0	2.6	*	20.0	4.6	*
Cholecystectomy	2	0.0	3.4	*	0.0	5.8	*	0.0	7.2	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	239	10.0	8.3	2.1	15.9	13.1	2.5	22.2	16.9	3.1
CONDITIONS:										
Acute Myocardial Infarction	2	100.0	30.9	*	100.0	33.6	*	100.0	37.3	*
Congestive Heart Failure	12	16.7	15.9	*	25.0	23.7	*	50.0	30.5	*
Pneumonia/Influenza	10	30.0	17.2	*	30.0	22.8	*	40.0	27.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	11.9	*	0.0	21.0	*	0.0	28.0	*
Transient Cerebral Ischemia	5	0.0	1.9	*	0.0	4.1	*	0.0	6.6	*
Stroke	17	17.6	22.4	*	35.3	30.1	*	41.2	35.2	*
Hip Fracture	9	11.1	8.2	*	11.1	14.5	*	11.1	18.6	*
Sepsis	2	50.0	35.3	*	50.0	49.0	*	50.0	58.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	5.2	*	9.1	9.7	*	9.1	12.5	*
Open Reduction of Hip Fracture	1	0.0	3.8	*	0.0	7.0	*	0.0	9.3	*
Prostatectomy	5	0.0	0.6	*	0.0	1.7	*	0.0	3.1	*
Cholecystectomy	2	0.0	1.1	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy	3	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST LUKES HOSPITAL

1320 Wisconsin Avenue
Racine, WI 53403

Medicare Provider Number: 520094

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	987	10.9	9.4	1.6	15.9	14.6	1.6	19.5	18.5	1.7
CONDITIONS:										
Acute Myocardial Infarction	29	41.4	31.0	*	51.7	34.4	*	55.2	37.9	*
Congestive Heart Failure	43	16.3	12.5	*	20.9	19.3	*	27.9	25.4	*
Pneumonia/Influenza	28	17.9	17.6	*	21.4	23.9	*	32.1	28.8	*
Chronic Obstructive Pulmonary Disease	5	20.0	12.6	*	40.0	20.0	*	60.0	26.1	*
Transient Cerebral Ischemia	15	0.0	1.7	*	6.7	3.8	*	6.7	6.0	*
Stroke	23	17.4	21.5	*	17.4	28.2	*	21.7	32.8	*
Hip Fracture	39	7.7	6.2	*	15.4	11.0	*	15.4	14.3	*
Sepsis	7	0.0	26.4	*	28.6	34.9	*	28.6	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.4	*	0.0	4.6	*	25.0	6.5	*
Carotid Endarterectomy	4	25.0	1.4	*	25.0	2.7	*	25.0	4.1	*
Hip Replacement/Reconstruction	22	4.5	4.1	*	9.1	7.3	*	13.6	9.5	*
Open Reduction of Hip Fracture	14	7.1	5.6	*	14.3	10.8	*	14.3	14.4	*
Prostatectomy	24	0.0	0.8	*	0.0	2.0	*	0.0	3.4	*
Cholecystectomy	10	0.0	1.3	*	0.0	2.1	*	0.0	2.5	*
Hysterectomy	15	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	230
Occupancy Rate	66
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	180
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	220
Licensed Practical Nurses	54

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST LUKES HOSPITAL

Medicare Provider Number: 520094

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,039	12.8	9.4	1.0	17.2	14.2	1.2	21.8	18.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	22	40.9	25.5	*	40.9	28.6	*	40.9	32.0	*
Congestive Heart Failure	56	25.0	15.7	6.0	32.1	23.4	6.8	37.5	29.9	6.8
Pneumonia/Influenza	31	32.3	21.0	*	35.5	28.4	*	38.7	33.8	*
Chronic Obstructive Pulmonary Disease	5	20.0	8.2	*	20.0	14.0	*	20.0	18.8	*
Transient Cerebral Ischemia	17	0.0	2.3	*	0.0	5.1	*	0.0	7.9	*
Stroke	32	21.9	22.0	*	25.0	27.1	*	25.0	31.4	*
Hip Fracture	31	12.9	6.3	*	12.9	11.7	*	16.1	15.4	*
Sepsis	9	33.3	28.5	*	33.3	35.5	*	44.4	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	50.0	7.6	*	50.0	11.3	*	50.0	14.3	*
Carotid Endarterectomy	5	0.0	1.1	*	0.0	2.2	*	20.0	3.3	*
Hip Replacement/Reconstruction	18	22.2	4.0	*	22.2	7.7	*	22.2	10.2	*
Open Reduction of Hip Fracture	16	0.0	5.8	*	0.0	11.4	*	6.3	15.3	*
Prostatectomy	28	0.0	0.9	*	7.1	2.3	*	7.1	3.8	*
Cholecystectomy	23	4.3	2.8	*	4.3	5.3	*	8.7	7.1	*
Hysterectomy	21	4.8	1.1	*	4.8	2.4	*	4.8	3.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	976	12.4	9.8	1.3	17.9	14.8	1.6	21.7	18.8	1.6
CONDITIONS:										
Acute Myocardial Infarction	24	41.7	28.1	*	41.7	31.1	*	41.7	34.4	*
Congestive Heart Failure	45	15.6	15.8	*	17.8	23.3	*	33.3	29.6	*
Pneumonia/Influenza	25	20.0	18.0	*	28.0	24.3	*	28.0	29.1	*
Chronic Obstructive Pulmonary Disease	6	16.7	6.8	*	33.3	11.9	*	33.3	16.2	*
Transient Cerebral Ischemia	7	0.0	1.5	*	0.0	3.0	*	0.0	4.7	*
Stroke	32	18.8	22.5	*	21.9	29.0	*	31.3	33.6	*
Hip Fracture	26	3.8	6.1	*	7.7	11.4	*	15.4	15.2	*
Sepsis	10	30.0	37.3	*	30.0	44.4	*	30.0	50.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	10.8	*	0.0	16.0	*	0.0	19.0	*
Carotid Endarterectomy	5	20.0	1.4	*	20.0	2.6	*	20.0	3.7	*
Hip Replacement/Reconstruction	8	0.0	3.4	*	0.0	6.2	*	12.5	8.1	*
Open Reduction of Hip Fracture	18	5.6	5.4	*	11.1	10.5	*	11.1	14.1	*
Prostatectomy	28	0.0	1.1	*	7.1	2.9	*	7.1	4.9	*
Cholecystectomy	17	5.9	1.6	*	5.9	2.6	*	5.9	3.4	*
Hysterectomy	15	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

533.1

St. Luke's
Hospital

January 14, 1991

Medicare Provider Number 520094

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

Upon review of St. Luke's Memorial Hospital, Inc. mortality data, we would like to submit the following supplemental information.

First of all, it is imperative to note that in all conditions and procedures listed, the number of cases or deaths is too small to provide satisfactory estimation of the standard deviation or be statistically significant. Nonetheless, for all causes listed, St. Luke's Memorial Hospital, Inc. fell within the range for predicted mortality.

The service offerings healthcare institutions provide have a direct impact on mortality data. St. Luke's Memorial Hospital, Inc. is the sole provider of renal dialysis, a service that attracts patients with a higher than average acuity and expected mortality. Many of our patients whose cause of death was acute myocardial infarction were end-stage dialysis patients. In addition, many of the patients that died from obstructive pulmonary disease were acutely ill dialysis patients or being serviced through our hospice program where death is anticipated and imminent. St. Luke's Memorial Hospital, Inc. is also the only provider of hospice services in Racine. Included in the "all causes" category were deaths that occurred from complications of cancer. St. Luke's Memorial Hospital, Inc. is the only approved community cancer hospital in Racine County and is the sole provider of radiation therapy.

The complexity of the patient mix at St. Luke's Memorial Hospital, Inc. also affects mortality. St. Luke's Memorial Hospital, Inc. not only serves a high-risk population because of its geographical location, but also treats a significant number of patients with multiple or pre-existing conditions.

Administration
St. Luke's Memorial Hospital, Inc.
1320 Wisconsin Avenue
Racine, Wisconsin 53403
414-636-2011

Errors were detected in the hospital's characteristic information that was forwarded. For fiscal year 1989, the total bed count should have been reported as 225 and occupancy rate at 65%. The number of registered nurses was 210 and we had 60 licensed practical nurses. In the area of specialty services, we do not provide organ/tissue transplants, but do offer a medical/surgical intensive care unit.

Thank you for the opportunity to respond to the data you have provided. With the goal of continually improving the services we provide, we welcome the opportunity to review and comment on future reports.

Sincerely,

Rex Brown
Vice President and
Chief Operating Officer

RB/tc

ST LUKES MEDICAL CENTER INC

2900 West Oklahoma Avenue
Milwaukee, WI 53215

Medicare Provider Number: 520138

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	6,274	7.9	7.6	0.5	12.2	11.8	0.5	15.2	15.2	0.5
CONDITIONS:										
Acute Myocardial Infarction	169	25.4	26.1	4.5	29.6	29.1	4.1	33.1	32.3	3.7
Congestive Heart Failure	322	17.7	14.5	4.5	25.5	22.6	4.8	31.7	29.5	4.2
Pneumonia/Influenza	158	16.5	16.5	3.2	22.8	22.9	3.6	27.8	27.9	3.6
Chronic Obstructive Pulmonary Disease	61	4.9	9.0	6.2	13.1	15.7	5.9	21.3	21.3	5.3
Transient Cerebral Ischemia	65	3.1	2.0	4.5	9.2	4.5	3.9	12.3	7.1	4.6
Stroke	206	26.2	20.3	4.6	34.0	27.1	5.3	38.8	31.7	5.8
Hip Fracture	108	6.5	6.4	2.4	11.1	11.1	3.4	13.0	14.3	3.8
Sepsis	63	31.7	26.0	6.8	42.9	35.9	8.0	52.4	42.9	10.2
PROCEDURES:										
Angioplasty	455	2.9	2.3	0.9	3.7	3.2	0.9	4.6	4.2	1.2
Coronary Artery Bypass Graft	438	6.4	6.1	1.6	8.4	9.1	1.8	10.0	10.8	1.7
Initial Pacemaker Insertion	48	8.3	5.3	*	14.6	9.1	*	14.6	12.3	*
Carotid Endarterectomy	76	1.3	1.3	1.3	2.6	2.5	1.9	3.9	3.6	2.3
Hip Replacement/Reconstruction	72	2.8	3.7	2.6	4.2	6.6	4.4	5.6	8.6	5.6
Open Reduction of Hip Fracture	60	3.3	5.6	3.9	10.0	10.2	5.0	11.7	13.3	4.9
Prostatectomy	163	0.0	0.8	0.8	0.6	2.0	1.3	1.2	3.4	2.0
Cholecystectomy	104	4.8	3.1	2.5	4.8	5.7	2.4	6.7	7.7	2.7
Hysterectomy	27	0.0	0.8	*	3.7	1.8	*	3.7	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	532
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	364
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	52
Registered Nurses	600
Licensed Practical Nurses	20

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST LUKES MEDICAL CENTER INC

Medicare Provider Number: 520138

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,886	8.8	8.2	0.5	13.3	12.5	0.7	16.2	16.0	0.7
CONDITIONS:										
Acute Myocardial Infarction	166	31.9	27.4	4.3	37.3	30.8	5.2	41.0	34.2	5.8
Congestive Heart Failure	296	18.6	15.4	3.2	26.4	23.6	3.0	30.4	30.4	2.7
Pneumonia/Influenza	151	20.5	16.4	4.2	26.5	22.4	5.0	33.8	27.1	6.0
Chronic Obstructive Pulmonary Disease	60	13.3	9.8	6.4	20.0	16.0	9.8	20.0	21.0	10.0
Transient Cerebral Ischemia	82	4.9	2.0	2.8	8.5	4.4	3.6	11.0	6.8	3.9
Stroke	191	20.4	21.1	3.6	30.9	27.7	4.3	34.0	32.2	4.5
Hip Fracture	85	9.4	6.8	4.6	15.3	12.2	6.5	18.8	15.7	6.4
Sepsis	64	23.4	29.5	8.9	34.4	39.3	7.8	43.8	46.4	6.7
PROCEDURES:										
Angioplasty	298	1.7	3.1	1.5	2.3	4.1	1.8	2.7	5.2	2.1
Coronary Artery Bypass Graft	361	8.0	7.2	1.5	11.4	10.0	2.0	13.6	11.7	2.6
Initial Pacemaker Insertion	61	6.6	5.0	3.1	9.8	8.5	4.2	11.5	11.5	4.1
Carotid Endarterectomy	52	0.0	1.6	*	0.0	3.0	*	0.0	4.5	*
Hip Replacement/Reconstruction	57	3.5	3.5	3.2	12.3	6.6	5.4	12.3	8.8	6.7
Open Reduction of Hip Fracture	48	6.3	6.3	*	8.3	11.8	*	12.5	15.4	*
Prostatectomy	189	0.5	1.2	1.0	0.5	2.7	2.3	2.6	4.4	3.1
Cholecystectomy	93	3.2	3.1	2.7	8.6	6.1	4.0	10.8	8.5	5.6
Hysterectomy	20	0.0	1.8	*	5.0	3.8	*	5.0	5.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	5,295	9.5	9.1	0.5	13.7	13.5	0.5	16.7	17.0	0.6
CONDITIONS:										
Acute Myocardial Infarction	164	31.1	29.0	5.1	36.6	32.1	6.2	39.0	35.3	7.0
Congestive Heart Failure	259	18.5	17.0	3.6	27.4	25.2	3.9	31.7	32.1	3.0
Pneumonia/Influenza	114	20.2	19.6	4.2	27.2	26.3	4.2	32.5	31.5	4.6
Chronic Obstructive Pulmonary Disease	48	14.6	13.7	*	16.7	21.6	*	20.8	27.2	*
Transient Cerebral Ischemia	71	1.4	2.0	1.7	2.8	4.1	2.7	4.2	6.4	4.3
Stroke	155	20.6	22.6	4.3	25.2	29.5	6.5	29.7	34.1	7.4
Hip Fracture	88	2.3	7.2	3.6	4.5	12.7	5.2	5.7	16.2	6.0
Sepsis	61	21.3	27.6	10.7	31.1	37.2	10.0	37.7	43.9	9.1
PROCEDURES:										
Angioplasty	255	3.1	3.1	1.1	3.5	4.0	1.3	5.1	5.0	1.4
Coronary Artery Bypass Graft	357	8.7	6.4	3.0	10.9	8.5	3.7	12.0	9.8	3.7
Initial Pacemaker Insertion	56	5.4	4.8	3.1	8.9	9.3	4.4	12.5	13.0	4.5
Carotid Endarterectomy	64	3.1	2.0	2.0	3.1	3.8	2.5	6.3	5.5	3.0
Hip Replacement/Reconstruction	62	4.8	4.4	3.6	8.1	8.3	3.6	8.1	11.0	4.7
Open Reduction of Hip Fracture	47	0.0	6.2	*	2.1	11.6	*	4.3	15.0	*
Prostatectomy	154	0.0	1.4	1.6	2.6	3.2	1.5	5.2	5.1	1.8
Cholecystectomy	99	4.0	3.3	2.0	5.1	5.6	2.7	5.1	7.1	3.8
Hysterectomy	18	0.0	0.8	*	0.0	1.7	*	0.0	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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St. Luke's Medical Center

Medicare Provider Number: 520138

January 10, 1991

We are pleased to note that St. Luke's Medical Center data compares favorably to its predicted mortality rates. Favorable or unfavorable comparisons alone, however, cannot be used to evaluate either the quality of patient care or hospital performance. These mortality rates identify differences among patient populations, but do not explain why they are different. Additionally, mortality is not a sensitive measure of hospital quality, but is one of many indicators that must be considered when evaluating quality.

The data as presented by HCFA provides hospitals with an opportunity to identify trends in mortality for certain diseases and procedures, but the data cannot be used to evaluate hospital-wide, service-specific mortality rates. Each case as presented may reflect not a patient, but rather the frequency of an event that is associated with various diagnoses and procedures.

With HCFA's methodology a single death may be counted multiple times. For example, a patient admitted for a hip replacement following a fracture, who then suffers a heart attack that is treated surgically and subsequently dies, would be represented in three different categories. Deaths, then, are frequently assigned to categories that may not represent either the actual cause of death or the hospitalization during which the patient expired. Additionally, deaths that occur after the period of hospitalization are included in HCFA's mortality statistics. Clearly, outcomes of care cannot be evaluated or measured from this collection of statistics. The data as presented simply provides us with an opportunity to identify trends that may warrant further investigation.

St. Luke's Medical Center employs a comprehensive Quality Management program which uses many indicators, including mortality, to continually monitor and improve patient care. We appreciate the efforts of HCFA to provide us with data for another component of that process, and the opportunity to express our opinions regarding the use of this data.

2900 West Oklahoma Avenue, Milwaukee, Wisconsin 53215 (414) 649-6000

ST MARY'S HOSPITAL

2323 N. Lake Drive
Milwaukee, WI 53201

Medicare Provider Number: 520051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	2,265	7.9	6.8	0.7	12.2	11.0	0.8	15.2	14.3	0.8
CONDITIONS:										
Acute Myocardial Infarction	30	26.7	23.2	*	33.3	26.7	*	36.7	30.1	*
Congestive Heart Failure	102	9.8	14.0	5.0	20.6	22.1	4.4	24.5	28.7	7.4
Pneumonia/Influenza	53	13.2	15.8	5.4	20.8	22.0	6.7	24.5	26.7	6.7
Chronic Obstructive Pulmonary Disease	15	6.7	7.2	*	6.7	11.8	*	6.7	15.9	*
Transient Cerebral Ischemia	18	0.0	2.1	*	0.0	5.0	*	0.0	8.2	*
Stroke	58	25.9	18.7	10.0	34.5	25.8	12.0	37.9	30.4	11.1
Hip Fracture	40	10.0	7.4	*	22.5	13.3	*	25.0	17.0	*
Sepsis	15	20.0	23.7	*	20.0	32.0	*	20.0	37.8	*
PROCEDURES:										
Angioplasty	113	1.8	2.1	1.8	2.7	3.2	2.2	3.5	4.4	2.4
Coronary Artery Bypass Graft	204	6.9	5.2	2.0	10.8	7.4	3.2	11.8	8.8	3.8
Initial Pacemaker Insertion	17	0.0	6.1	*	5.9	10.4	*	17.6	14.2	*
Carotid Endarterectomy	3	0.0	0.9	*	0.0	1.6	*	0.0	2.3	*
Hip Replacement/Reconstruction	21	0.0	2.8	*	4.8	5.3	*	9.5	7.2	*
Open Reduction of Hip Fracture	28	14.3	7.3	*	28.6	13.7	*	32.1	17.9	*
Prostatectomy	101	1.0	0.7	1.2	2.0	1.9	1.7	3.0	3.3	2.1
Cholecystectomy	25	0.0	1.7	*	0.0	3.3	*	4.0	4.6	*
Hysterectomy	41	0.0	0.8	*	2.4	1.9	*	2.4	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	314
Occupancy Rate	67
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	157
Percent of Physicians Board Certified Specialists	85
Medical Residents/Interns	8
Registered Nurses	345
Licensed Practical Nurses	36

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARY'S HOSPITAL

Medicare Provider Number: 520051

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,020	8.0	7.8	0.7	12.9	12.2	0.9	16.0	15.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	36	33.3	27.6	*	38.9	31.0	*	41.7	34.4	*
Congestive Heart Failure	76	9.2	14.3	5.2	19.7	21.9	7.0	22.4	28.3	8.3
Pneumonia/Influenza	54	24.1	19.3	6.8	27.8	25.7	7.4	31.5	30.8	6.7
Chronic Obstructive Pulmonary Disease	18	0.0	9.0	*	16.7	15.2	*	27.8	20.4	*
Transient Cerebral Ischemia	22	9.1	2.8	*	18.2	5.9	*	18.2	8.9	*
Stroke	59	16.9	23.2	10.1	22.0	30.3	9.1	27.1	34.9	9.5
Hip Fracture	30	3.3	6.9	*	6.7	12.8	*	10.0	16.7	*
Sepsis	8	12.5	30.4	*	37.5	40.6	*	37.5	47.0	*
PROCEDURES:										
Angioplasty	88	0.0	2.2	2.6	1.1	2.9	2.3	1.1	3.7	3.0
Coronary Artery Bypass Graft	178	4.5	5.3	2.0	8.4	7.4	2.5	10.1	8.8	2.3
Initial Pacemaker Insertion	8	12.5	1.9	*	12.5	4.0	*	12.5	6.2	*
Carotid Endarterectomy	6	16.7	1.7	*	16.7	3.4	*	16.7	5.2	*
Hip Replacement/Reconstruction	18	0.0	3.4	*	0.0	6.7	*	0.0	9.0	*
Open Reduction of Hip Fracture	16	0.0	6.6	*	6.3	12.9	*	12.5	17.4	*
Prostatectomy	50	0.0	1.7	*	4.0	3.6	*	6.0	5.4	*
Cholecystectomy	42	4.8	2.9	*	9.5	5.1	*	11.9	6.5	*
Hysterectomy	24	0.0	1.1	*	0.0	2.4	*	4.2	3.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,016	8.8	8.2	0.8	13.7	12.7	1.1	16.4	16.2	0.9
CONDITIONS:										
Acute Myocardial Infarction	42	31.0	24.6	*	35.7	28.1	*	35.7	31.4	*
Congestive Heart Failure	83	14.5	15.9	4.4	27.7	24.3	5.5	32.5	31.2	6.7
Pneumonia/Influenza	38	5.3	19.1	*	18.4	25.2	*	18.4	30.1	*
Chronic Obstructive Pulmonary Disease	19	15.8	8.5	*	15.8	14.2	*	15.8	18.8	*
Transient Cerebral Ischemia	26	0.0	2.3	*	0.0	5.0	*	0.0	7.9	*
Stroke	64	25.0	22.3	5.7	31.3	29.6	6.0	34.4	34.1	6.6
Hip Fracture	34	17.6	7.7	*	29.4	14.2	*	35.3	18.5	*
Sepsis	8	0.0	25.5	*	12.5	33.9	*	25.0	39.2	*
PROCEDURES:										
Angioplasty	79	6.3	3.6	3.3	6.3	4.7	3.3	7.6	5.9	3.4
Coronary Artery Bypass Graft	182	8.8	5.9	1.9	15.4	8.4	2.6	18.1	9.8	3.0
Initial Pacemaker Insertion	8	0.0	4.4	*	12.5	8.8	*	12.5	12.5	*
Carotid Endarterectomy	3	0.0	1.8	*	0.0	3.9	*	0.0	5.9	*
Hip Replacement/Reconstruction	21	9.5	4.3	*	14.3	8.3	*	14.3	11.2	*
Open Reduction of Hip Fracture	15	13.3	8.4	*	33.3	15.7	*	46.7	20.3	*
Prostatectomy	69	0.0	1.0	1.5	0.0	2.5	2.8	1.4	4.1	3.3
Cholecystectomy	34	2.9	3.3	*	2.9	6.1	*	2.9	7.9	*
Hysterectomy	24	4.2	1.3	*	4.2	2.9	*	8.3	4.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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ST. MARY'S HOSPITAL
MILWAUKEE

January 7, 1991

Health Care Financing Administration
Health Standards and Quality Bureau
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

The random sample of patients which appears with this release reflects 60% of the total Medicare admissions for St. Mary's. The actual death rate of our Medicare patients is 6%.

Sixty-nine of those deaths (29%) were in our Hospice. An additional 14.6% of the deaths at St. Mary's were patients who were referred from outside of the State of Wisconsin to our high risk programs.

Our actual death rate for cardiovascular accidents (stroke) was 19%; your random sample computed to 26%.

Sincerely yours,

Paul F. Soczynski

Paul F. Soczynski, Director
Quality Assessment Department

PS/cs:3344Q

ST MARYS HOSPITAL

1044 Kabel Avenue
Rhinelander, WI 54501

Medicare Provider Number: 520019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	1,082	13.7	9.8	1.5	17.9	14.9	1.3	21.6	19.0	1.4
CONDITIONS:										
Acute Myocardial Infarction	41	39.0	27.2	*	46.3	30.8	*	46.3	34.6	*
Congestive Heart Failure	50	28.0	15.3	*	32.0	24.0	*	36.0	31.4	*
Pneumonia/Influenza	52	21.2	17.4	7.7	26.9	23.6	10.4	26.9	28.4	11.0
Chronic Obstructive Pulmonary Disease	23	13.0	6.2	*	13.0	10.9	*	21.7	15.0	*
Transient Cerebral Ischemia	12	8.3	2.2	*	8.3	4.9	*	16.7	7.9	*
Stroke	45	26.7	20.9	*	28.9	27.4	*	33.3	32.0	*
Hip Fracture	34	8.8	7.8	*	11.8	13.8	*	11.8	17.8	*
Sepsis	13	23.1	29.7	*	38.5	40.1	*	61.5	47.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	9.4	*	0.0	17.8	*	0.0	25.1	*
Carotid Endarterectomy	8	0.0	1.2	*	0.0	2.1	*	25.0	3.2	*
Hip Replacement/Reconstruction	25	0.0	2.8	*	0.0	5.0	*	0.0	6.5	*
Open Reduction of Hip Fracture	19	10.5	6.6	*	10.5	12.5	*	10.5	16.6	*
Prostatectomy	23	4.3	0.6	*	4.3	1.6	*	4.3	2.8	*
Cholecystectomy	19	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy	7	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

* **The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	163
Occupancy Rate	53
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	40
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	0
Registered Nurses	115
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

** **Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL

Medicare Provider Number: 520019

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,087	11.1	9.9	1.2	17.0	14.9	1.7	21.9	18.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	47	23.4	26.6	*	31.9	29.5	*	36.2	32.9	*
Congestive Heart Failure	61	11.5	15.4	7.1	21.3	24.0	5.9	31.1	31.1	6.1
Pneumonia/Influenza	41	17.1	16.6	*	29.3	22.9	*	39.0	27.8	*
Chronic Obstructive Pulmonary Disease	17	11.8	12.5	*	41.2	20.0	*	41.2	25.4	*
Transient Cerebral Ischemia	15	6.7	2.0	*	6.7	4.2	*	6.7	6.6	*
Stroke	48	22.9	23.0	*	37.5	29.4	*	45.8	34.2	*
Hip Fracture	33	3.0	6.1	*	9.1	11.1	*	12.1	14.4	*
Sepsis	10	30.0	23.6	*	30.0	29.8	*	40.0	35.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	6.4	*	22.2	9.1	*	22.2	11.8	*
Carotid Endarterectomy	8	0.0	1.2	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	22	0.0	3.6	*	0.0	7.6	*	9.1	11.0	*
Open Reduction of Hip Fracture	16	6.3	5.8	*	18.8	10.8	*	25.0	14.0	*
Prostatectomy	14	0.0	1.6	*	7.1	3.0	*	7.1	4.7	*
Cholecystectomy	18	5.6	2.3	*	11.1	3.9	*	11.1	4.9	*
Hysterectomy	8	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	986	9.3	9.0	1.0	14.6	13.6	1.4	17.2	17.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	39	20.5	28.1	*	23.1	31.6	*	23.1	35.4	*
Congestive Heart Failure	54	11.1	13.7	5.6	22.2	20.9	6.8	22.2	27.2	9.5
Pneumonia/Influenza	35	17.1	16.2	*	28.6	22.5	*	37.1	27.4	*
Chronic Obstructive Pulmonary Disease	19	10.5	6.3	*	26.3	11.4	*	31.6	15.8	*
Transient Cerebral Ischemia	19	5.3	1.6	*	5.3	3.4	*	10.5	5.3	*
Stroke	36	22.2	21.8	*	30.6	28.6	*	38.9	33.5	*
Hip Fracture	27	0.0	6.3	*	0.0	11.5	*	0.0	15.3	*
Sepsis	13	15.4	24.7	*	46.2	32.8	*	46.2	38.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	2.7	*	0.0	6.1	*	10.0	9.5	*
Carotid Endarterectomy	3	0.0	1.3	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	16	0.0	2.4	*	0.0	4.2	*	0.0	5.6	*
Open Reduction of Hip Fracture	15	0.0	5.0	*	0.0	9.7	*	0.0	13.2	*
Prostatectomy	30	3.3	0.7	*	3.3	1.8	*	3.3	3.2	*
Cholecystectomy	26	0.0	2.0	*	0.0	3.6	*	0.0	4.9	*
Hysterectomy	11	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MARYS HOSPITAL INC

West Main and K Streets
Sparta, WI 54656

Medicare Provider Number: 520121

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	274	17.9	9.8	3.2	21.9	14.6	3.0	25.5	18.6	3.1
CONDITIONS:										
Acute Myocardial Infarction	15	60.0	28.7	*	60.0	33.2	*	60.0	37.0	*
Congestive Heart Failure	14	14.3	16.3	*	21.4	25.7	*	35.7	33.2	*
Pneumonia/Influenza	18	33.3	17.3	*	44.4	23.3	*	44.4	28.1	*
Chronic Obstructive Pulmonary Disease	5	20.0	6.4	*	20.0	10.7	*	20.0	14.8	*
Transient Cerebral Ischemia	3	0.0	2.2	*	0.0	4.8	*	0.0	7.9	*
Stroke	13	38.5	21.8	*	46.2	28.5	*	46.2	33.4	*
Hip Fracture	1	0.0	3.1	*	0.0	6.6	*	0.0	9.8	*
Sepsis	1	100.0	53.1	*	100.0	59.5	*	100.0	66.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	6	0.0	0.5	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy	5	0.0	1.0	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy	1	0.0	2.7	*	0.0	6.2	*	0.0	10.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	60
Occupancy Rate	68
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	15
Licensed Practical Nurses	5

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL INC

Medicare Provider Number: 520121

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	302	12.9	10.9	2.1	17.5	16.2	2.3	22.8	20.3	2.9
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	32.1	*	36.4	35.6	*	36.4	39.7	*
Congestive Heart Failure	15	26.7	18.9	*	33.3	27.9	*	46.7	34.4	*
Pneumonia/Influenza	23	4.3	18.2	*	8.7	24.3	*	13.0	29.2	*
Chronic Obstructive Pulmonary Disease	12	16.7	9.2	*	25.0	15.6	*	41.7	21.3	*
Transient Cerebral Ischemia	6	0.0	2.0	*	16.7	4.6	*	16.7	7.4	*
Stroke	14	28.6	19.7	*	42.9	25.1	*	50.0	29.4	*
Hip Fracture	0									
Sepsis	1	100.0	40.4	*	100.0	49.0	*	100.0	57.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	3	0.0	1.0	*	0.0	2.3	*	33.3	3.7	*
Cholecystectomy	6	0.0	1.2	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy	1	0.0	5.1	*	0.0	10.0	*	0.0	13.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	279	8.2	10.0	2.5	15.1	15.0	2.8	19.0	19.2	2.6
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	33.8	*	42.9	37.0	*	42.9	40.6	*
Congestive Heart Failure	17	0.0	15.0	*	17.6	21.9	*	17.6	28.2	*
Pneumonia/Influenza	27	14.8	18.1	*	18.5	23.9	*	22.2	28.8	*
Chronic Obstructive Pulmonary Disease	6	16.7	8.7	*	33.3	14.4	*	33.3	18.9	*
Transient Cerebral Ischemia	8	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	13	15.4	20.4	*	30.8	27.0	*	30.8	32.2	*
Hip Fracture	1	0.0	3.7	*	0.0	6.9	*	0.0	9.3	*
Sepsis	1	100.0	7.9	*	100.0	12.2	*	100.0	16.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*
Cholecystectomy	6	0.0	1.8	*	16.7	3.3	*	16.7	4.6	*
Hysterectomy	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MARYS HOSPITAL MEDICAL CENTER

707 South Mills Street
Madison, WI 53715

Medicare Provider Number: 520083

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,737	7.6	8.0	0.8	11.6	12.1	0.9	14.6	15.4	0.8
CONDITIONS:										
Acute Myocardial Infarction	144	17.4	26.1	6.1	24.3	29.5	6.1	25.7	32.7	5.4
Congestive Heart Failure	134	16.4	14.8	3.1	32.8	22.6	6.1	43.3	29.2	5.7
Pneumonia/Influenza	107	14.0	17.7	4.8	17.8	24.5	6.0	25.2	29.4	5.2
Chronic Obstructive Pulmonary Disease	26	7.7	5.9	*	15.4	10.6	*	19.2	15.3	*
Transient Cerebral Ischemia	65	0.0	1.9	2.4	1.5	4.0	3.9	3.1	6.2	5.4
Stroke	147	21.1	20.9	3.6	25.9	27.6	4.9	28.6	32.0	6.8
Hip Fracture	72	6.9	7.2	3.2	13.9	12.8	4.1	13.9	16.4	5.0
Sepsis	16	0.0	19.2	*	6.3	26.1	*	12.5	31.3	*
PROCEDURES:										
Angioplasty	61	0.0	3.1	4.2	3.3	3.9	3.3	4.9	4.8	4.2
Coronary Artery Bypass Graft	105	7.6	6.0	3.0	9.5	8.6	3.5	12.4	10.1	4.0
Initial Pacemaker Insertion	26	7.7	3.4	*	11.5	7.1	*	15.4	10.5	*
Carotid Endarterectomy	28	0.0	1.5	*	0.0	2.9	*	3.6	4.2	*
Hip Replacement/Reconstruction	96	2.1	2.6	2.0	3.1	5.1	3.1	3.1	7.0	3.9
Open Reduction of Hip Fracture	24	4.2	6.3	*	16.7	11.6	*	16.7	15.1	*
Prostatectomy	188	1.1	0.7	1.3	2.7	1.8	1.8	3.7	3.1	2.1
Cholecystectomy	91	3.3	3.0	2.6	3.3	5.2	3.0	5.5	6.7	2.8
Hysterectomy	30	0.0	0.5	*	0.0	1.0	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	342
Occupancy Rate	75
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	268
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	0
Registered Nurses	406
Licensed Practical Nurses	44

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL MEDICAL CENTER

Medicare Provider Number: 520083

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,588	7.6	8.2	0.7	12.4	12.6	1.1	14.9	16.1	1.1
CONDITIONS:										
Acute Myocardial Infarction	129	23.3	26.5	4.2	25.6	30.0	4.6	26.4	33.5	5.5
Congestive Heart Failure	154	12.3	15.2	4.0	24.7	23.0	3.8	29.9	29.6	3.7
Pneumonia/Influenza	83	12.0	17.2	6.1	15.7	23.3	7.9	20.5	28.1	8.7
Chronic Obstructive Pulmonary Disease	22	18.2	7.9	*	36.4	14.5	*	40.9	20.5	*
Transient Cerebral Ischemia	60	0.0	1.9	*	0.0	4.0	*	0.0	6.3	*
Stroke	105	15.2	21.3	6.1	23.8	28.7	6.8	26.7	33.5	8.1
Hip Fracture	84	7.1	7.0	2.9	15.5	12.7	5.6	21.4	16.3	7.8
Sepsis	22	36.4	23.8	*	45.5	34.2	*	50.0	41.2	*
PROCEDURES:										
Angioplasty	61	3.3	4.5	2.8	3.3	5.5	3.3	3.3	6.5	3.9
Coronary Artery Bypass Graft	66	10.6	8.1	4.1	12.1	11.0	4.2	13.6	12.7	4.4
Initial Pacemaker Insertion	29	0.0	2.7	*	3.4	5.2	*	6.9	7.6	*
Carotid Endarterectomy	17	0.0	1.9	*	0.0	3.7	*	0.0	5.4	*
Hip Replacement/Reconstruction	86	4.7	3.0	2.1	11.6	5.8	3.7	15.1	7.6	4.7
Open Reduction of Hip Fracture	33	3.0	6.1	*	3.0	11.5	*	6.1	15.1	*
Prostatectomy	160	2.5	0.9	1.6	4.4	2.3	2.3	5.6	3.8	2.9
Cholecystectomy	77	5.2	4.4	2.5	9.1	7.7	3.3	10.4	9.8	4.1
Hysterectomy	28	0.0	0.8	*	3.6	1.8	*	3.6	2.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,156	7.7	8.8	0.7	12.2	13.5	0.8	15.5	17.2	0.9
CONDITIONS:										
Acute Myocardial Infarction	110	23.6	26.9	4.8	29.1	30.2	4.7	29.1	33.4	5.3
Congestive Heart Failure	131	15.3	17.4	3.5	30.5	26.3	4.5	40.5	33.6	5.5
Pneumonia/Influenza	77	11.7	16.2	5.4	15.6	22.2	7.4	18.2	26.7	9.2
Chronic Obstructive Pulmonary Disease	22	13.6	14.5	*	18.2	22.2	*	18.2	27.9	*
Transient Cerebral Ischemia	44	2.3	2.2	*	9.1	4.6	*	13.6	7.1	*
Stroke	115	22.6	23.0	4.8	27.8	30.2	4.9	31.3	34.8	6.6
Hip Fracture	69	5.8	8.1	4.6	8.7	14.3	7.7	13.0	18.2	9.3
Sepsis	23	21.7	23.1	*	26.1	30.3	*	26.1	35.4	*
PROCEDURES:										
Angioplasty	47	6.4	4.2	*	6.4	5.1	*	6.4	6.2	*
Coronary Artery Bypass Graft	52	5.8	7.4	6.2	7.7	9.8	6.1	7.7	11.1	6.0
Initial Pacemaker Insertion	28	0.0	3.6	*	3.6	6.8	*	3.6	9.6	*
Carotid Endarterectomy	21	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction	68	2.9	2.6	2.1	2.9	4.8	2.9	4.4	6.3	3.6
Open Reduction of Hip Fracture	34	0.0	7.3	*	5.9	14.0	*	11.8	18.3	*
Prostatectomy	157	0.0	0.8	1.0	0.6	2.0	1.7	1.3	3.4	2.4
Cholecystectomy	74	1.4	3.7	3.3	2.7	6.6	4.6	5.4	8.6	4.5
Hysterectomy	34	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MARYS HOSPITAL MEDICAL CENTER

1726 Shawano Avenue
Green Bay, WI 54303

Medicare Provider Number: 520097

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,429	7.5	7.7	0.8	11.1	11.9	0.9	14.9	15.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	39	30.8	29.5	*	35.9	33.5	*	41.0	37.2	*
Congestive Heart Failure	77	13.0	14.1	4.1	24.7	21.6	7.1	35.1	28.0	8.2
Pneumonia/Influenza	41	17.1	16.3	*	24.4	22.6	*	26.8	27.4	*
Chronic Obstructive Pulmonary Disease	26	3.8	7.4	*	7.7	12.4	*	7.7	17.0	*
Transient Cerebral Ischemia	22	0.0	1.6	*	4.5	3.5	*	4.5	5.6	*
Stroke	52	13.5	17.1	6.3	19.2	23.3	7.4	25.0	27.5	7.5
Hip Fracture	52	11.5	6.0	6.3	13.5	11.0	7.0	19.2	14.4	9.1
Sepsis	11	18.2	24.8	*	27.3	35.2	*	36.4	41.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.6	*	0.0	5.1	*	0.0	7.6	*
Carotid Endarterectomy	6	16.7	1.2	*	16.7	2.1	*	16.7	3.1	*
Hip Replacement/Reconstruction	51	0.0	1.7	*	0.0	3.3	*	0.0	4.3	*
Open Reduction of Hip Fracture	30	13.3	5.7	*	13.3	10.8	*	23.3	14.3	*
Prostatectomy	43	0.0	0.7	*	0.0	1.7	*	4.7	2.9	*
Cholecystectomy	36	2.8	3.2	*	5.6	6.1	*	5.6	8.2	*
Hysterectomy	15	0.0	0.6	*	0.0	1.6	*	6.7	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	144
Occupancy Rate	55
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	162
Percent of Physicians Board Certified Specialists	65
Medical Residents/Interns	0
Registered Nurses	113
Licensed Practical Nurses	36

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL MEDICAL CENTER

Medicare Provider Number: 520097

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,513	9.1	8.3	0.8	11.8	12.6	0.9	14.9	16.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	58	25.9	25.5	5.9	25.9	28.7	6.4	32.8	32.0	6.4
Congestive Heart Failure	86	18.6	15.2	4.9	23.3	23.3	6.7	33.7	30.1	7.6
Pneumonia/Influenza	43	23.3	14.5	*	27.9	19.8	*	27.9	23.9	*
Chronic Obstructive Pulmonary Disease	21	0.0	10.3	*	0.0	16.9	*	9.5	21.9	*
Transient Cerebral Ischemia	22	9.1	2.0	*	9.1	4.4	*	9.1	7.0	*
Stroke	65	18.5	18.9	4.9	21.5	25.7	6.5	24.6	30.2	8.3
Hip Fracture	45	11.1	7.3	*	15.6	13.2	*	22.2	16.7	*
Sepsis	24	20.8	27.9	*	25.0	37.1	*	25.0	43.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	4.5	*	20.0	8.0	*	20.0	10.8	*
Carotid Endarterectomy	4	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction	37	2.7	1.3	*	2.7	2.4	*	2.7	3.2	*
Open Reduction of Hip Fracture	29	10.3	7.2	*	17.2	13.4	*	20.7	17.3	*
Prostatectomy	53	1.9	1.6	1.7	7.5	3.1	4.1	7.5	4.7	3.3
Cholecystectomy	40	0.0	2.3	*	2.5	4.2	*	2.5	5.4	*
Hysterectomy	11	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,430	7.8	8.6	1.0	12.2	12.9	1.0	15.7	16.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	30	33.3	28.8	*	36.7	32.9	*	36.7	36.5	*
Congestive Heart Failure	96	16.7	18.2	5.5	22.9	26.8	7.0	32.3	33.9	5.6
Pneumonia/Influenza	29	13.8	15.7	*	17.2	21.1	*	24.1	25.4	*
Chronic Obstructive Pulmonary Disease	31	3.2	11.3	*	6.5	17.6	*	6.5	22.4	*
Transient Cerebral Ischemia	25	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke	68	30.9	22.0	6.0	36.8	28.5	6.4	39.7	33.0	6.2
Hip Fracture	38	15.8	7.5	*	21.1	13.3	*	23.7	17.2	*
Sepsis	20	15.0	20.7	*	15.0	27.1	*	20.0	32.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.4	*	12.5	6.7	*	25.0	9.8	*
Carotid Endarterectomy	8	0.0	1.2	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction	48	4.2	2.3	*	6.3	4.3	*	8.3	5.7	*
Open Reduction of Hip Fracture	17	11.8	7.6	*	11.8	14.2	*	17.6	18.7	*
Prostatectomy	63	0.0	1.0	3.0	3.2	2.5	3.9	7.9	4.2	4.4
Cholecystectomy	41	7.3	3.5	*	7.3	6.4	*	7.3	8.2	*
Hysterectomy	10	0.0	1.2	*	10.0	2.8	*	10.0	4.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MARYS HOSPITAL OZAUKEE INC

743 North Montgomery Street
Port Washington, WI 53074

Medicare Provider Number: 520027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	636	8.8	9.1	1.3	11.3	13.6	1.6	13.4	17.2	2.1
CONDITIONS:										
Acute Myocardial Infarction	16	37.5	33.6	*	43.8	36.3	*	43.8	39.5	*
Congestive Heart Failure	46	13.0	15.0	*	19.6	22.9	*	26.1	29.4	*
Pneumonia/Influenza	35	11.4	17.2	*	14.3	23.8	*	14.3	29.0	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.8	*	0.0	17.6	*	0.0	24.8	*
Transient Cerebral Ischemia	8	0.0	2.3	*	0.0	5.1	*	0.0	8.2	*
Stroke	25	24.0	21.1	*	24.0	28.0	*	24.0	32.5	*
Hip Fracture	20	0.0	6.0	*	5.0	10.4	*	5.0	13.2	*
Sepsis	8	37.5	22.3	*	37.5	26.8	*	37.5	31.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.6	*	0.0	7.0	*	0.0	10.4	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	2.5	*	0.0	4.4	*	0.0	5.7	*
Open Reduction of Hip Fracture	7	0.0	6.3	*	14.3	11.4	*	14.3	14.7	*
Prostatectomy	12	0.0	1.1	*	0.0	2.6	*	0.0	4.4	*
Cholecystectomy	3	0.0	1.6	*	0.0	2.8	*	0.0	3.5	*
Hysterectomy	6	0.0	8.4	*	0.0	11.9	*	0.0	13.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	114
Occupancy Rate	39
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	53
Percent of Physicians Board Certified Specialists	66
Medical Residents/Interns	0
Registered Nurses	60
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARYS HOSPITAL OZAUKEE INC

Medicare Provider Number: 520027

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	598	8.4	9.0	1.7	11.7	13.6	2.5	15.6	17.3	2.7
CONDITIONS:										
Acute Myocardial Infarction	12	41.7	30.8	*	41.7	33.8	*	41.7	37.2	*
Congestive Heart Failure	38	5.3	16.0	*	10.5	23.7	*	15.8	30.1	*
Pneumonia/Influenza	39	5.1	18.4	*	12.8	24.6	*	23.1	29.6	*
Chronic Obstructive Pulmonary Disease	3	33.3	12.1	*	33.3	17.1	*	33.3	21.0	*
Transient Cerebral Ischemia	8	0.0	2.2	*	0.0	4.9	*	0.0	7.9	*
Stroke	29	34.5	21.5	*	41.4	27.8	*	41.4	32.5	*
Hip Fracture	14	7.1	5.3	*	7.1	10.1	*	14.3	13.4	*
Sepsis	2	0.0	26.8	*	0.0	34.1	*	0.0	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	42.9	10.3	*	42.9	16.3	*	42.9	20.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	9.1	3.4	*	9.1	7.0	*	9.1	9.5	*
Open Reduction of Hip Fracture	4	0.0	4.2	*	0.0	8.0	*	0.0	10.8	*
Prostatectomy	30	0.0	0.9	*	3.3	2.3	*	3.3	3.9	*
Cholecystectomy	8	0.0	1.8	*	0.0	3.0	*	0.0	3.8	*
Hysterectomy	6	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	601	9.0	9.0	1.3	14.3	13.6	1.5	17.8	17.2	2.0
CONDITIONS:										
Acute Myocardial Infarction	16	37.5	30.6	*	37.5	34.5	*	37.5	37.9	*
Congestive Heart Failure	34	26.5	18.4	*	38.2	27.6	*	47.1	35.2	*
Pneumonia/Influenza	47	8.5	16.0	*	14.9	21.4	*	19.1	25.9	*
Chronic Obstructive Pulmonary Disease	3	33.3	8.3	*	33.3	16.7	*	33.3	23.5	*
Transient Cerebral Ischemia	7	0.0	1.6	*	0.0	3.4	*	28.6	5.3	*
Stroke	27	7.4	20.0	*	22.2	26.5	*	33.3	31.1	*
Hip Fracture	23	8.7	7.5	*	8.7	14.0	*	8.7	18.3	*
Sepsis	6	16.7	19.1	*	33.3	26.4	*	33.3	31.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.9	*	0.0	4.2	*	0.0	6.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	5.6	3.6	*	5.6	7.1	*	5.6	9.8	*
Open Reduction of Hip Fracture	8	12.5	8.1	*	12.5	15.2	*	12.5	19.7	*
Prostatectomy	27	0.0	0.8	*	0.0	2.0	*	0.0	3.5	*
Cholecystectomy	8	0.0	0.9	*	0.0	1.5	*	0.0	2.1	*
Hysterectomy	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MARYS KEWAUNEE AREA MEMORIAL HOSPITAL

1st and Lincoln Sts
Kewaunee, WI 54216

Medicare Provider Number: 520111

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	162	15.4	12.8	5.3	21.0	18.4	5.7	25.3	22.8	5.5
CONDITIONS:										
Acute Myocardial Infarction	15	40.0	31.8	*	40.0	35.3	*	40.0	39.0	*
Congestive Heart Failure	17	23.5	12.3	*	29.4	19.6	*	29.4	26.2	*
Pneumonia/Influenza	20	15.0	17.0	*	20.0	23.8	*	25.0	28.8	*
Chronic Obstructive Pulmonary Disease	1	0.0	7.9	*	0.0	18.3	*	0.0	29.1	*
Transient Cerebral Ischemia	0									
Stroke	10	10.0	13.4	*	30.0	18.9	*	30.0	22.8	*
Hip Fracture	2	50.0	9.0	*	50.0	16.8	*	50.0	22.0	*
Sepsis	3	0.0	27.7	*	0.0	36.8	*	0.0	42.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.1	*	0.0	6.4	*	0.0	9.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	1.8	*	0.0	3.2	*	0.0	4.0	*
Hysterectomy	2	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	23
Occupancy Rate	22
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	5
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	11
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARYS KEWAUNEE AREA MEMORIAL HOSPITAL

Medicare Provider Number: 520111

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	205	12.2	11.3	2.6	12.7	16.7	3.3	17.1	21.1	3.4
CONDITIONS:										
Acute Myocardial Infarction	12	16.7	25.1	*	16.7	28.6	*	16.7	32.6	*
Congestive Heart Failure	19	15.8	16.1	*	15.8	24.5	*	26.3	31.4	*
Pneumonia/Influenza	12	25.0	18.9	*	25.0	25.3	*	33.3	29.8	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.4	*	0.0	8.9	*	50.0	12.9	*
Transient Cerebral Ischemia	3	0.0	2.2	*	0.0	4.4	*	33.3	6.7	*
Stroke	11	18.2	20.9	*	27.3	27.8	*	27.3	32.6	*
Hip Fracture	0									
Sepsis	1	0.0	42.3	*	0.0	53.2	*	0.0	62.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	7	14.3	3.3	*	14.3	6.3	*	14.3	8.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	149	16.8	14.2	3.5	20.8	19.7	3.5	25.5	24.1	3.6
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	34.2	*	29.4	38.4	*	29.4	42.6	*
Congestive Heart Failure	13	15.4	20.4	*	23.1	30.2	*	38.5	37.6	*
Pneumonia/Influenza	10	40.0	26.6	*	50.0	35.7	*	60.0	42.0	*
Chronic Obstructive Pulmonary Disease	3	0.0	5.2	*	0.0	9.2	*	33.3	12.7	*
Transient Cerebral Ischemia	3	0.0	3.2	*	0.0	7.2	*	33.3	11.8	*
Stroke	6	16.7	23.3	*	16.7	31.4	*	33.3	36.6	*
Hip Fracture	6	16.7	7.3	*	33.3	12.9	*	33.3	16.9	*
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	6	16.7	6.3	*	33.3	11.8	*	33.3	15.7	*
Prostatectomy	0									
Cholecystectomy	3	33.3	8.1	*	33.3	16.8	*	33.3	23.1	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MARYS MEDICAL CENTER INC

3801 Spring St
Racine, WI 53405

Medicare Provider Number: 520096

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,499	8.9	8.6	0.6	13.0	13.1	0.7	16.0	16.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	94	35.1	26.3	6.5	36.2	29.7	6.2	40.4	33.1	6.2
Congestive Heart Failure	145	18.6	14.1	5.7	27.6	21.8	6.9	33.8	28.4	6.3
Pneumonia/Influenza	68	20.6	16.8	7.0	27.9	22.9	9.7	30.9	27.6	7.7
Chronic Obstructive Pulmonary Disease	11	9.1	9.5	*	9.1	16.0	*	9.1	21.7	*
Transient Cerebral Ischemia	37	0.0	1.9	*	0.0	4.1	*	5.4	6.4	*
Stroke	108	16.7	20.7	6.0	25.0	27.3	6.6	28.7	31.7	6.0
Hip Fracture	67	7.5	6.8	3.4	13.4	12.1	4.1	16.4	15.8	4.7
Sepsis	16	37.5	27.0	*	43.8	34.7	*	50.0	41.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	2	0.0	4.7	*	50.0	6.7	*	50.0	8.4	*
Initial Pacemaker Insertion	17	0.0	2.7	*	0.0	5.4	*	5.9	8.0	*
Carotid Endarterectomy	15	0.0	1.7	*	0.0	3.2	*	0.0	4.9	*
Hip Replacement/Reconstruction	58	3.4	3.3	2.5	6.9	6.2	4.0	6.9	8.4	4.9
Open Reduction of Hip Fracture	38	7.9	6.0	*	10.5	11.1	*	15.8	14.6	*
Prostatectomy	121	0.8	1.1	*	0.8	2.6	*	0.8	4.4	*
Cholecystectomy	48	2.1	2.9	*	4.2	5.1	*	6.3	6.7	*
Hysterectomy	6	0.0	1.3	*	0.0	2.8	*	0.0	4.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	216
Occupancy Rate	69
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	157
Percent of Physicians Board Certified Specialists	73
Medical Residents/Interns	0
Registered Nurses	185
Licensed Practical Nurses	35

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MARYS MEDICAL CENTER INC

Medicare Provider Number: 520096

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,569	8.6	8.3	0.6	12.5	12.5	0.7	15.7	16.0	0.9
CONDITIONS:										
Acute Myocardial Infarction	70	30.0	27.7	6.6	35.7	31.0	8.7	38.6	34.5	8.6
Congestive Heart Failure	174	21.8	15.6	4.4	27.6	23.4	3.9	32.8	30.0	3.8
Pneumonia/Influenza	84	17.9	17.7	5.9	27.4	23.7	5.3	27.4	28.4	5.1
Chronic Obstructive Pulmonary Disease	18	22.2	9.4	*	33.3	17.2	*	38.9	24.1	*
Transient Cerebral Ischemia	58	1.7	2.0	2.0	1.7	4.3	3.7	6.9	6.7	3.3
Stroke	96	13.5	18.9	4.8	17.7	24.8	5.6	18.8	29.0	6.7
Hip Fracture	61	6.6	6.1	4.2	8.2	11.3	4.9	13.1	14.7	4.9
Sepsis	26	15.4	31.1	*	19.2	39.6	*	42.3	46.4	*
PROCEDURES:										
Angioplasty	1	0.0	6.3	*	0.0	7.1	*	0.0	8.3	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	7.1	10.3	*	7.1	14.1	*	7.1	17.7	*
Carotid Endarterectomy	23	8.7	1.4	*	21.7	2.7	*	21.7	4.0	*
Hip Replacement/Reconstruction	43	0.0	4.0	*	0.0	7.5	*	2.3	10.0	*
Open Reduction of Hip Fracture	30	10.0	5.5	*	13.3	10.3	*	16.7	13.7	*
Prostatectomy	131	0.0	1.2	1.4	1.5	2.9	2.3	2.3	4.8	3.1
Cholecystectomy	51	3.9	2.6	3.4	3.9	4.7	4.7	3.9	6.3	6.5
Hysterectomy	11	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,398	9.4	9.2	0.7	13.9	13.5	0.8	16.3	17.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	85	29.4	31.1	5.1	31.8	34.4	5.4	35.3	38.0	5.7
Congestive Heart Failure	132	16.7	15.5	6.7	29.5	23.1	8.1	33.3	29.7	7.3
Pneumonia/Influenza	77	15.6	15.5	4.1	19.5	20.8	4.9	23.4	25.3	5.2
Chronic Obstructive Pulmonary Disease	39	23.1	10.8	*	28.2	18.1	*	30.8	23.7	*
Transient Cerebral Ischemia	58	0.0	1.7	*	0.0	3.5	*	0.0	5.4	*
Stroke	99	26.3	22.6	8.7	36.4	29.4	8.9	38.4	34.2	7.5
Hip Fracture	58	3.4	7.3	4.1	12.1	12.9	5.1	17.2	16.6	5.0
Sepsis	35	20.0	30.3	*	31.4	37.9	*	34.3	44.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	2.3	*	0.0	5.0	*	0.0	7.8	*
Carotid Endarterectomy	17	0.0	1.8	*	0.0	3.5	*	0.0	5.1	*
Hip Replacement/Reconstruction	46	2.2	3.3	*	8.7	6.0	*	8.7	7.8	*
Open Reduction of Hip Fracture	27	3.7	5.5	*	7.4	10.3	*	14.8	13.5	*
Prostatectomy	161	0.6	1.1	0.9	1.9	2.7	1.7	1.9	4.5	2.5
Cholecystectomy	53	0.0	2.6	3.1	3.8	4.7	3.9	3.8	6.1	4.3
Hysterectomy	15	0.0	1.1	*	0.0	2.0	*	0.0	2.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

ST MICHAEL HOSPITAL OF MILWAUKEE

2400 West Villard Avenue
Milwaukee, WI 53209

Medicare Provider Number: 520040

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,642	9.2	9.7	1.0	13.9	14.4	1.4	17.2	18.1	1.4
CONDITIONS:										
Acute Myocardial Infarction	98	28.6	28.5	6.4	34.7	32.1	5.5	36.7	35.6	5.1
Congestive Heart Failure	150	10.0	14.8	5.0	20.7	23.0	4.4	28.0	29.7	4.0
Pneumonia/Influenza	77	19.5	17.6	6.4	29.9	23.7	7.8	35.1	28.3	11.1
Chronic Obstructive Pulmonary Disease	23	8.7	13.0	*	17.4	21.0	*	21.7	27.1	*
Transient Cerebral Ischemia	43	2.3	1.7	*	2.3	3.7	*	4.7	5.9	*
Stroke	113	25.7	24.1	4.2	31.9	30.6	4.6	38.9	35.1	6.2
Hip Fracture	63	1.6	6.7	4.9	7.9	11.7	6.0	12.7	15.0	5.0
Sepsis	40	25.0	26.9	*	37.5	35.0	*	37.5	41.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	32	0.0	5.2	*	9.4	9.8	*	12.5	13.7	*
Carotid Endarterectomy	20	10.0	1.7	*	10.0	3.3	*	10.0	4.8	*
Hip Replacement/Reconstruction	61	0.0	3.7	4.9	3.3	7.0	7.1	8.2	9.7	7.2
Open Reduction of Hip Fracture	25	4.0	6.0	*	8.0	10.8	*	8.0	14.0	*
Prostatectomy	95	1.1	1.7	1.4	3.2	3.9	2.1	6.3	6.2	2.6
Cholecystectomy	46	6.5	2.8	*	6.5	5.2	*	8.7	6.8	*
Hysterectomy	28	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	208
Occupancy Rate	99
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	242
Percent of Physicians Board Certified Specialists	77
Medical Residents/Interns	0
Registered Nurses	274
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MICHAEL HOSPITAL OF MILWAUKEE

Medicare Provider Number: 520040

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,856	10.0	9.7	0.6	14.9	14.7	0.7	18.3	18.5	0.8
CONDITIONS:										
Acute Myocardial Infarction	81	27.2	28.0	5.5	33.3	31.8	5.7	35.8	35.5	5.8
Congestive Heart Failure	181	15.5	16.8	5.3	21.5	25.4	6.5	28.7	32.3	7.0
Pneumonia/Influenza	91	25.3	17.5	7.0	31.9	23.2	8.3	36.3	27.7	8.9
Chronic Obstructive Pulmonary Disease	14	7.1	12.7	*	14.3	19.5	*	14.3	24.9	*
Transient Cerebral Ischemia	57	5.3	2.4	4.8	10.5	5.1	5.6	14.0	7.8	5.6
Stroke	97	23.7	25.0	4.6	27.8	31.6	5.5	32.0	36.3	5.6
Hip Fracture	82	3.7	7.3	5.0	6.1	13.1	7.9	11.0	16.7	9.2
Sepsis	35	34.3	31.8	*	37.1	40.2	*	40.0	46.7	*
PROCEDURES:										
Angioplasty	2	50.0	18.9	*	100.0	20.7	*	100.0	22.4	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	21	4.8	7.3	*	4.8	12.1	*	14.3	16.0	*
Carotid Endarterectomy	22	4.5	1.7	*	4.5	3.1	*	4.5	4.4	*
Hip Replacement/Reconstruction	63	0.0	3.7	3.0	0.0	7.0	4.7	3.2	9.4	4.7
Open Reduction of Hip Fracture	42	4.8	7.1	*	9.5	13.2	*	11.9	17.0	*
Prostatectomy	105	2.9	1.1	2.0	6.7	2.7	3.5	7.6	4.5	4.4
Cholecystectomy	46	4.3	3.2	*	10.9	6.1	*	10.9	8.2	*
Hysterectomy	25	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,658	9.8	10.1	0.6	15.7	15.0	0.8	19.1	18.9	0.8
CONDITIONS:										
Acute Myocardial Infarction	104	26.9	31.8	4.9	33.7	35.3	4.7	34.6	38.9	5.0
Congestive Heart Failure	174	16.1	16.6	3.0	24.7	25.2	3.8	31.6	32.3	3.7
Pneumonia/Influenza	79	22.8	17.8	6.1	38.0	23.7	7.3	40.5	28.4	7.7
Chronic Obstructive Pulmonary Disease	34	11.8	14.1	*	23.5	22.0	*	26.5	27.6	*
Transient Cerebral Ischemia	37	0.0	1.9	*	2.7	4.0	*	8.1	6.3	*
Stroke	104	24.0	23.2	4.6	29.8	30.4	4.7	30.8	35.2	6.5
Hip Fracture	76	5.3	7.6	3.5	6.6	13.1	5.0	11.8	16.5	5.0
Sepsis	21	23.8	29.6	*	47.6	38.0	*	57.1	44.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	27	0.0	4.5	*	3.7	7.6	*	3.7	10.5	*
Carotid Endarterectomy	11	0.0	1.7	*	0.0	3.0	*	0.0	4.3	*
Hip Replacement/Reconstruction	50	4.0	3.1	*	6.0	5.7	*	10.0	7.5	*
Open Reduction of Hip Fracture	40	2.5	6.8	*	2.5	12.4	*	2.5	16.0	*
Prostatectomy	117	0.9	1.2	1.1	2.6	2.8	2.0	4.3	4.7	3.1
Cholecystectomy	45	4.4	3.7	*	13.3	6.9	*	13.3	9.2	*
Hysterectomy	19	5.3	1.0	*	5.3	2.2	*	5.3	3.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

553.1

2400 West Villard Avenu
Milwaukee, Wisconsin 5320

414/527-8000 Fax Number: 414/527-260

St. Michael Hospital

52-0040

January 14, 1991

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Bouelvard
Baltimore, MD 21207

Dear Mrs. Kappert:

We have reviewed the FY 1989 Medicare Hospital Mortality Rates developed by your agency. We are pleased that St. Michael Hospital demonstrates a mortality rate for all conditions either within the predicted national range or below it.

In your report you quote hospital characteristics gleaned from the American Hospital Association Annual Survey of Hospitals 1989. The instructions for that survey are quite specific, and isolated facts from that survey can be misleading. Specifically, St. Michael Hospital is the site of a 27 full time equivalent Family Practice Residency Program, and is actively engaged in post-graduate medical education. Because this program is jointly sponsored with the Medical College of Wisconsin and the resident's stipends provided through the Medical College of Wisconsin Affiliated Hospitals, Inc., the AHA Annual Survey correctly shows that we have no medical residents or interns for which we provide direct stipend.

We understand that HCFA continues to revise its model for reporting of mortality rates. We are very supportive of an ongoing process to improve reporting. The model used this year has three notable limitations. We note that patients could have disease conditions that allow them to fall into multiple categories and therefore one death could be reported out twice. As an example, a person with a hip fracture could very well also have a hip replacement and reconstruction. It would also be possible for someone with an acute myocardial infarction to have an initial pacemaker insertion. Since one death could be counted twice, this could lead to misrepresentation of actual mortality rates.

Secondly, the report is constructed from principal diagnosis and procedure data. This information may not adequately represent the cause of death, as patients many times have multiple diagnoses and the potential for multiple complications. Thirdly, the report format, which includes standard deviations, is helpful to someone trained in statistics, but has limited meaning for the general public. Any report that cannot be clearly and easily understood can be subject to misinterpretation.

A Member of the Wheaton Franciscan System

We continue to be committed to delivering the highest quality care possible to our patients. As we strive to be a valued community resource, we welcome national benchmark studies that can assist us in this endeavor.

Sincerely,

Bruce L. Van Cleave, M.D.
Vice President of Medical Affairs

BLV/ko

ST MICHAELS HOSPITAL

900 Illinois Avenue
Stevens Point, WI 54481

Medicare Provider Number: 520002

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,137	7.7	8.4	1.1	12.1	12.8	1.2	15.7	16.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	32	37.5	28.1	*	40.6	31.3	*	43.8	34.5	*
Congestive Heart Failure	76	11.8	15.4	5.6	23.7	23.9	5.5	34.2	30.9	6.7
Pneumonia/Influenza	48	10.4	15.0	*	10.4	20.0	*	14.6	24.0	*
Chronic Obstructive Pulmonary Disease	11	0.0	9.9	*	9.1	16.3	*	18.2	21.7	*
Transient Cerebral Ischemia	14	0.0	1.9	*	7.1	4.2	*	7.1	6.6	*
Stroke	36	19.4	18.2	*	22.2	24.4	*	22.2	28.7	*
Hip Fracture	33	6.1	8.2	*	6.1	14.4	*	18.2	18.3	*
Sepsis	15	6.7	22.5	*	26.7	32.2	*	26.7	39.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	20.0	7.1	*	20.0	10.3	*	20.0	13.0	*
Carotid Endarterectomy	1	0.0	4.2	*	0.0	9.6	*	0.0	13.9	*
Hip Replacement/Reconstruction	29	0.0	2.7	*	0.0	5.4	*	3.4	7.6	*
Open Reduction of Hip Fracture	18	5.6	7.1	*	5.6	13.0	*	22.2	16.8	*
Prostatectomy	41	4.9	1.4	*	4.9	3.5	*	7.3	6.0	*
Cholecystectomy	31	0.0	2.7	*	0.0	5.0	*	9.7	6.6	*
Hysterectomy	11	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	133
Occupancy Rate	52
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	79
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	92
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST MICHAELS HOSPITAL

Medicare Provider Number: 520002

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,234	9.6	10.1	1.4	13.5	15.0	1.9	17.3	18.7	2.0
CONDITIONS:										
Acute Myocardial Infarction	41	34.1	28.5	*	36.6	31.4	*	36.6	34.9	*
Congestive Heart Failure	63	19.0	18.6	5.0	28.6	27.9	6.9	36.5	35.1	8.5
Pneumonia/Influenza	41	4.9	15.7	*	7.3	21.4	*	14.6	25.6	*
Chronic Obstructive Pulmonary Disease	9	0.0	11.9	*	0.0	18.9	*	11.1	24.4	*
Transient Cerebral Ischemia	16	0.0	2.0	*	0.0	4.3	*	0.0	6.7	*
Stroke	63	12.7	20.0	8.4	14.3	26.8	9.2	23.8	31.4	7.8
Hip Fracture	38	10.5	9.3	*	10.5	16.0	*	13.2	19.8	*
Sepsis	13	38.5	26.7	*	38.5	35.5	*	46.2	41.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	4.2	*	0.0	7.9	*	20.0	11.3	*
Carotid Endarterectomy	4	0.0	1.2	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction	23	8.7	2.5	*	8.7	4.4	*	8.7	5.6	*
Open Reduction of Hip Fracture	26	15.4	8.7	*	15.4	15.8	*	19.2	20.0	*
Prostatectomy	72	1.4	2.7	2.2	6.9	6.1	3.6	8.3	9.5	4.6
Cholecystectomy	31	3.2	3.8	*	3.2	6.8	*	6.5	8.8	*
Hysterectomy	9	11.1	0.5	*	11.1	1.1	*	11.1	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,142	8.6	9.8	1.1	13.5	14.6	1.3	16.5	18.3	1.8
CONDITIONS:										
Acute Myocardial Infarction	50	34.0	31.9	*	36.0	35.8	*	36.0	39.5	*
Congestive Heart Failure	62	16.1	16.8	7.0	25.8	25.0	12.1	27.4	31.9	10.5
Pneumonia/Influenza	40	7.5	19.6	*	12.5	26.4	*	17.5	31.5	*
Chronic Obstructive Pulmonary Disease	14	21.4	14.0	*	28.6	21.9	*	42.9	27.5	*
Transient Cerebral Ischemia	10	0.0	1.9	*	0.0	3.8	*	0.0	5.9	*
Stroke	47	17.0	20.5	*	17.0	27.3	*	19.1	31.9	*
Hip Fracture	34	11.8	8.1	*	20.6	13.8	*	23.5	17.1	*
Sepsis	13	30.8	25.1	*	38.5	33.0	*	46.2	38.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.4	*	0.0	7.9	*	0.0	11.9	*
Carotid Endarterectomy	2	0.0	1.5	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction	14	0.0	1.8	*	0.0	3.5	*	0.0	4.7	*
Open Reduction of Hip Fracture	19	5.3	8.0	*	21.1	14.2	*	26.3	17.7	*
Prostatectomy	56	0.0	1.9	*	0.0	4.5	*	0.0	7.2	*
Cholecystectomy	33	9.1	3.9	*	9.1	7.0	*	9.1	9.0	*
Hysterectomy	17	0.0	1.4	*	0.0	3.0	*	11.8	4.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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SAINT MICHAEL'S HOSPITAL

A MEMBER OF MINISTRY CORPORATION
SISTERS OF THE SORROWFUL MOTHER

January 14, 1991

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

There are two problems of concern which I hope the Health Care Financing Administration (HCFA) is actively addressing.

1. The information collected on the beneficiary is not sufficient to be used to predict mortality. Although not a new concern, I hope HCFA is pursuing a mechanism to better determine severity. The changes HCFA has made this year are an improvement, however, seem to be concentrated on changes in the statistical model, not improvement of severity adjustment. It seems the latter pursuit would be more advantageous.

2. The condition or procedure categories in which there are less than 50 cases are considered too small to permit satisfactory estimation of the standard deviation. This year our hospital had only one category out of 17 that had more than 50 cases. Because we are a small hospital, this is an ongoing problem. I hope HCFA is making effort to generate some form of aggregate data or in some way providing a mechanism which will allow small hospitals a meaningful method to interpret the data.

Sincerely,

Sharon Frazier
Vice President, Support Services

SF/vg

900 ILLINOIS AVENUE
STEVENS POINT, WISCONSIN 54481
715-346-5000

ST NICHOLAS HOSPITAL

1601 N Taylor Dr
Sheboygan, WI 53081

Medicare Provider Number: 520044

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,378	9.7	8.7	0.9	13.8	13.4	0.9	17.2	17.2	1.0
CONDITIONS:										
Acute Myocardial Infarction	36	30.6	23.7	*	36.1	27.3	*	38.9	30.8	*
Congestive Heart Failure	100	15.0	14.5	3.8	23.0	22.3	5.2	31.0	28.8	5.0
Pneumonia/Influenza	45	13.3	15.5	*	22.2	21.6	*	28.9	26.3	*
Chronic Obstructive Pulmonary Disease	6	16.7	9.2	*	33.3	15.4	*	33.3	20.8	*
Transient Cerebral Ischemia	21	0.0	1.9	*	4.8	4.0	*	4.8	6.3	*
Stroke	78	28.2	20.7	6.5	32.1	27.1	5.8	33.3	31.5	5.4
Hip Fracture	30	6.7	6.5	*	13.3	12.3	*	16.7	16.5	*
Sepsis	14	35.7	21.5	*	35.7	29.8	*	42.9	36.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	4.0	*	0.0	7.7	*	0.0	11.0	*
Carotid Endarterectomy	9	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	45	2.2	1.4	*	6.7	2.6	*	6.7	3.5	*
Open Reduction of Hip Fracture	21	9.5	5.6	*	9.5	10.9	*	14.3	14.7	*
Prostatectomy	58	1.7	0.9	1.7	1.7	2.2	2.1	1.7	3.8	2.9
Cholecystectomy	43	2.3	3.3	*	4.7	6.2	*	7.0	8.3	*
Hysterectomy	11	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	151
Occupancy Rate	46
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	99
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	98
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

ST NICHOLAS HOSPITAL

Medicare Provider Number: 520044

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,370	10.5	9.1	1.0	15.4	13.9	1.1	18.7	17.7	1.1
CONDITIONS:										
Acute Myocardial Infarction	55	34.5	27.8	7.0	38.2	31.0	7.0	41.8	34.6	7.1
Congestive Heart Failure	77	16.9	16.7	4.3	26.0	25.2	6.3	31.2	32.2	5.5
Pneumonia/Influenza	45	11.1	14.4	*	20.0	20.0	*	24.4	24.4	*
Chronic Obstructive Pulmonary Disease	3	33.3	6.1	*	33.3	10.3	*	33.3	14.0	*
Transient Cerebral Ischemia	24	0.0	1.8	*	0.0	3.7	*	4.2	5.7	*
Stroke	71	31.0	21.2	7.9	35.2	27.9	8.2	42.3	32.5	9.0
Hip Fracture	43	7.0	6.3	*	14.0	11.6	*	20.9	15.2	*
Sepsis	10	10.0	25.8	*	30.0	33.4	*	40.0	39.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	2.6	*	0.0	5.0	*	11.1	7.6	*
Carotid Endarterectomy	17	0.0	1.5	*	0.0	2.9	*	11.8	4.3	*
Hip Replacement/Reconstruction	40	2.5	2.7	*	5.0	5.2	*	10.0	7.1	*
Open Reduction of Hip Fracture	19	10.5	6.3	*	21.1	12.2	*	21.1	16.4	*
Prostatectomy	60	3.3	1.3	2.0	5.0	3.3	2.6	5.0	5.7	3.4
Cholecystectomy	38	0.0	2.7	*	0.0	4.9	*	2.6	6.4	*
Hysterectomy	11	0.0	1.2	*	0.0	2.5	*	0.0	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,381	11.0	8.9	1.0	15.1	13.7	1.0	18.1	17.4	1.1
CONDITIONS:										
Acute Myocardial Infarction	49	40.8	31.4	*	46.9	34.8	*	49.0	38.3	*
Congestive Heart Failure	84	22.6	18.4	6.3	31.0	27.8	5.6	36.9	35.4	5.8
Pneumonia/Influenza	41	19.5	16.0	*	26.8	21.8	*	26.8	26.7	*
Chronic Obstructive Pulmonary Disease	8	0.0	7.0	*	0.0	12.6	*	0.0	17.2	*
Transient Cerebral Ischemia	24	4.2	2.2	*	4.2	4.5	*	4.2	6.8	*
Stroke	60	21.7	21.2	5.5	30.0	28.3	6.0	35.0	33.0	6.5
Hip Fracture	33	6.1	7.4	*	9.1	13.7	*	12.1	17.9	*
Sepsis	14	28.6	24.6	*	28.6	31.6	*	28.6	37.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	7.7	3.8	*	15.4	6.9	*	15.4	9.8	*
Carotid Endarterectomy	10	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction	44	4.5	2.2	*	4.5	4.2	*	4.5	5.6	*
Open Reduction of Hip Fracture	19	5.3	6.5	*	10.5	12.5	*	10.5	16.6	*
Prostatectomy	56	0.0	0.7	1.3	1.8	1.7	2.1	1.8	2.9	2.7
Cholecystectomy	42	4.8	2.9	*	7.1	5.8	*	16.7	8.0	*
Hysterectomy	8	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

557.1

ST. NICHOLAS HOSPITA
The Wise Choice for Today's Healthcar

January 11, 1991 520044

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to respond to the release of data on hospital mortality information for Medicare patients treated in our facility during fiscal years 1987 through 1989. St. Nicholas Hospital reviewed the data contained in the report dated December 6, 1990. The following information is to be attached to the St. Nicholas Hospital-Specific Report prior to public disclosure

St. Nicholas Hospital is a JCAHO accredited, 185 bed, acute care facility, whose case mix includes many patients with major medical and surgical illnesses. We are a full-service medical center offering care in specialty areas of oncology, radiation therapy, major vascular surgery, major orthopedic services, rehabilitative medicine, including a comprehensive cardiac rehabilitation program, a renal dialysis unit, a sleep disorders diagnosis and treatment center, obstetrics and gynecology, surgical and medical intensive care unit, as well as general medicine and surgery.

The data used by HCFA indicate that in some instances the observed mortality rate appears higher than the predicted rate. In using the Standard Deviation provided by HCFA to construct a confidence interval or range to determine whether the difference between the observed and expected rates was worthy of investigation, we found the difference to be the result of random variation and therefore, not likely to be meaningful or significant. In some categories there were too few cases to yield a reliable test of significance. In these instances, the estimate was considered uninterpretable. The data does not show a real difference between the observed rate and what would be expected for St. Nicholas Hospital.

In each instance the medical staff of St. Nicholas Hospital conducted an intensive review of the medical record of every patient who expired at our facility to determine both appropriateness and methods to improve medical management and overall care. Mortality review is an ongoing process of the quality review program. Peer review activities are an integral part of the monitoring of the health care delivery system at St. Nicholas hospital.

520044

Should we develop consistent patterns of higher than expected mortality, further analysis is undertaken. If a clinical review does not reveal why mortality experience might be different, we will look toward differences in the long-term management of patients' illness including the availability of adequate post-hospital follow-up care.

We firmly believe that ongoing quality review activities as well as intensive peer review, are the most effective methods of validating the quality and appropriateness of the care provided. The use of statistical norms can facilitate peer review by calling attention to unusual patterns or by challenging complacency and encouraging a critical re-examination of practices within our hospital. By themselves, however, statistical norms cannot identify the changes that will lead to improvements in quality.

St. Nicholas Hospital recognizes that consumers have a legitimate interest in obtaining useful, reliable information on the quality of care available to them. We also recognize and strongly believe that mortality statistics, by themselves, do not measure quality. However, we will continue to further analyze this data as a guide to focus peer review, and in a constant endeavor to identify opportunities to improve care.

Quality of care is of the utmost concern to the St. Nicholas Hospital governing board, administration, medical staff, and employees. As has always been our practice, we will continue to review all mortality cases for quality and appropriateness of care rendered to the individual patient.

Sincerely,

Thomas W. Laux
Thomas W. Laux
Executive Vice President/
Administrator

W.G. Wagner
William G. Wagner, M.D.
Medical staff President

ST VINCENT HOSPITAL

P O Box 13508
Green Bay, WI 54307

Medicare Provider Number: 520075

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,353	8.3	8.1	0.6	12.6	12.4	0.6	15.8	15.8	0.7
CONDITIONS:										
Acute Myocardial Infarction	91	39.6	28.3	7.9	41.8	32.0	7.9	45.1	35.4	7.2
Congestive Heart Failure	172	11.0	15.2	5.6	20.3	23.6	7.0	27.9	30.3	5.5
Pneumonia/Influenza	96	17.7	15.8	3.9	22.9	21.8	5.1	24.0	26.6	4.9
Chronic Obstructive Pulmonary Disease	20	10.0	5.4	*	10.0	9.9	*	15.0	14.1	*
Transient Cerebral Ischemia	47	0.0	1.7	*	4.3	3.7	*	4.3	5.9	*
Stroke	161	22.4	20.9	3.6	29.2	28.0	3.7	32.9	32.5	3.8
Hip Fracture	86	5.8	6.9	3.3	9.3	11.8	5.6	11.6	15.0	6.4
Sepsis	32	15.6	18.9	*	15.6	25.6	*	15.6	30.7	*
PROCEDURES:										
Angioplasty	5	0.0	3.7	*	0.0	5.9	*	0.0	7.7	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	11.8	3.6	*	11.8	6.3	*	11.8	8.7	*
Carotid Endarterectomy	32	3.1	1.5	*	6.3	3.0	*	6.3	4.5	*
Hip Replacement/Reconstruction	96	5.2	2.2	2.4	7.3	4.0	2.9	7.3	5.4	2.8
Open Reduction of Hip Fracture	22	4.5	6.8	*	4.5	11.9	*	9.1	15.1	*
Prostatectomy	167	0.6	0.9	0.8	1.8	2.2	1.5	1.8	3.8	2.3
Cholecystectomy	55	0.0	4.3	4.7	0.0	7.6	7.4	1.8	10.0	7.4
Hysterectomy	25	0.0	0.5	*	0.0	1.0	*	0.0	1.7	*

* **The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	372
Occupancy Rate	70
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	270
Percent of Physicians Board Certified Specialists	67
Medical Residents/Interns	0
Registered Nurses	461
Licensed Practical Nurses	74

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	Yes
Trauma Center	No

** **Not used in calculating hospital mortality rates.**

ST VINCENT HOSPITAL

Medicare Provider Number: 520075

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	3,055	7.9	8.5	0.6	12.6	13.0	1.0	15.7	16.6	0.9
CONDITIONS:										
Acute Myocardial Infarction	76	32.9	27.9	5.4	35.5	31.1	6.1	38.2	34.6	6.0
Congestive Heart Failure	152	15.8	16.0	3.1	24.3	24.0	4.2	30.9	30.8	3.9
Pneumonia/Influenza	75	10.7	18.7	8.0	18.7	25.4	7.2	25.3	30.3	6.7
Chronic Obstructive Pulmonary Disease	26	0.0	8.6	*	7.7	14.5	*	11.5	19.2	*
Transient Cerebral Ischemia	37	0.0	1.9	*	0.0	4.1	*	2.7	6.4	*
Stroke	130	21.5	19.9	4.5	30.8	26.8	5.2	32.3	31.3	6.3
Hip Fracture	90	4.4	6.9	4.6	8.9	12.5	7.5	11.1	16.1	8.7
Sepsis	30	36.7	26.0	*	40.0	35.1	*	40.0	41.5	*
PROCEDURES:										
Angioplasty	2	0.0	3.3	*	0.0	7.0	*	0.0	10.5	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	9.1	4.6	*	9.1	7.5	*	9.1	10.2	*
Carotid Endarterectomy	21	0.0	1.4	*	0.0	2.7	*	4.8	4.0	*
Hip Replacement/Reconstruction	82	4.9	3.1	3.9	4.9	5.9	4.2	6.1	7.8	3.9
Open Reduction of Hip Fracture	8	0.0	5.5	*	25.0	10.9	*	25.0	14.9	*
Prostatectomy	147	0.7	0.9	0.9	1.4	2.2	1.8	2.0	3.7	2.8
Cholecystectomy	61	1.6	2.5	2.2	1.6	4.5	3.6	4.9	6.0	3.5
Hysterectomy	24	0.0	0.3	*	0.0	0.7	*	0.0	0.9	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,794	8.6	8.9	0.6	13.2	13.6	0.7	16.9	17.4	0.7
CONDITIONS:										
Acute Myocardial Infarction	95	26.3	28.5	6.4	29.5	31.6	7.6	30.5	34.8	7.9
Congestive Heart Failure	123	13.8	16.0	3.6	23.6	23.7	4.1	32.5	30.2	4.6
Pneumonia/Influenza	83	18.1	19.8	4.9	25.3	26.7	6.1	27.7	32.1	7.8
Chronic Obstructive Pulmonary Disease	30	6.7	11.9	*	20.0	19.0	*	26.7	24.3	*
Transient Cerebral Ischemia	38	0.0	2.2	*	5.3	5.0	*	7.9	8.0	*
Stroke	118	23.7	22.9	4.2	27.1	29.9	5.0	33.1	34.4	4.8
Hip Fracture	75	6.7	7.8	3.8	10.7	13.7	6.1	10.7	17.5	7.2
Sepsis	22	13.6	24.9	*	27.3	35.9	*	45.5	43.6	*
PROCEDURES:										
Angioplasty	1	0.0	15.0	*	0.0	16.2	*	0.0	17.9	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	22	0.0	5.8	*	4.5	10.2	*	9.1	13.9	*
Carotid Endarterectomy	18	0.0	1.4	*	0.0	2.5	*	5.6	3.6	*
Hip Replacement/Reconstruction	76	0.0	1.9	2.4	2.6	3.5	2.3	2.6	4.8	3.0
Open Reduction of Hip Fracture	15	0.0	5.5	*	0.0	10.3	*	0.0	13.4	*
Prostatectomy	141	0.0	1.1	1.1	0.0	2.6	2.2	2.8	4.3	2.1
Cholecystectomy	46	6.5	3.3	*	8.7	6.2	*	10.9	8.4	*
Hysterectomy	23	0.0	1.5	*	0.0	3.0	*	8.7	4.3	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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St. Vincent
Hospital

January 11, 1991

Attn: Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Hospital Provider #520075

Dear Mrs. Kappert:

At St. Vincent Hospital our mission is to provide high quality, acute and selected tertiary health care services to Green Bay and much of Northeast Wisconsin. We are committed to quality service and are constantly monitoring and implementing methods to enhance that quality. The data provided in the Medicare mortality report has been reviewed and will be considered with that in mind. St. Vincent Hospital compares favorably to the predicted rate in all categories. However, as with previous reports, the data falls short of giving a truly accurate picture of St. Vincent Hospital and raises several concerns.

St. Vincent's specialty services attract the very sick patient. Services such as renal dialysis, cancer care, specialty surgery and our trauma center by their nature have higher mortality rate. In the case of acute myocardial infarction, for example, St. Vincent Hospital is in a unique situation. Those patients who usually enter the system through our trauma center and who can be successfully treated are transferred to a neighboring facility which offers cardiac surgery. The elderly patients, however, who are not good candidates for treatment or surgery tend to stay at St. Vincent.

We also must again raise our concern about the inclusion of data on patients who have been discharged up to 180 days. In such cases, there is a significant possibility that the cause of death was not related to the hospitalization.

St. Vincent Hospital has a well established, continual quality assurance program that guides the hospital and physicians in identifying ways to enhance patient care. We commend any effort, including the Medicare mortality report, to improve the quality of hospital care. We do, however, have serious concerns about the use of such data to make comparisons.

We will continue to individually review all cases of patients who die here. We believe that a thorough review of the care and factors contributing to their deaths will be of greater benefit to our patients than statistics alone.

Sincerely,

Joseph J. Neidenbach
Administrator

STOUGHTON COMMUNITY HOSPITAL

900 Ridge Street
Stoughton, WI 53589

Medicare Provider Number: 520014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	441	11.8	10.3	1.6	15.0	15.3	1.9	19.0	19.2	1.9
CONDITIONS:										
Acute Myocardial Infarction	13	53.8	35.9	*	53.8	40.6	*	69.2	44.6	*
Congestive Heart Failure	28	28.6	17.2	*	32.1	26.5	*	35.7	33.9	*
Pneumonia/Influenza	25	12.0	13.8	*	12.0	18.9	*	12.0	22.9	*
Chronic Obstructive Pulmonary Disease	8	25.0	9.1	*	25.0	14.6	*	25.0	19.3	*
Transient Cerebral Ischemia	2	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke	13	23.1	20.0	*	23.1	26.0	*	38.5	30.5	*
Hip Fracture	12	8.3	8.3	*	25.0	14.9	*	25.0	19.3	*
Sepsis	10	30.0	28.0	*	30.0	36.3	*	40.0	43.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	4.5	*	28.6	8.2	*	28.6	10.8	*
Open Reduction of Hip Fracture	0									
Prostatectomy	8	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	4	0.0	1.8	*	25.0	3.4	*	25.0	4.6	*
Hysterectomy	8	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	48
Occupancy Rate	46
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	41
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	35
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

STOUGHTON COMMUNITY HOSPITAL

Medicare Provider Number: 520014

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	430	10.7	9.8	2.0	17.2	15.0	2.5	18.8	19.1	2.0
CONDITIONS:										
Acute Myocardial Infarction	20	20.0	37.0	*	30.0	41.8	*	35.0	45.7	*
Congestive Heart Failure	23	21.7	15.3	*	34.8	22.5	*	43.5	28.8	*
Pneumonia/Influenza	24	25.0	17.5	*	37.5	23.3	*	37.5	28.1	*
Chronic Obstructive Pulmonary Disease	6	0.0	7.2	*	0.0	11.4	*	0.0	15.5	*
Transient Cerebral Ischemia	6	0.0	2.3	*	0.0	4.9	*	0.0	7.6	*
Stroke	15	40.0	22.8	*	53.3	29.7	*	53.3	34.5	*
Hip Fracture	26	3.8	9.0	*	11.5	16.2	*	11.5	20.8	*
Sepsis	7	0.0	20.3	*	0.0	27.5	*	0.0	32.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	0.0	4.4	*	15.4	8.4	*	15.4	11.2	*
Open Reduction of Hip Fracture	0									
Prostatectomy	10	0.0	0.7	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy	13	0.0	2.2	*	0.0	3.7	*	0.0	4.6	*
Hysterectomy	3	0.0	0.7	*	0.0	1.2	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	454	9.3	9.4	1.4	13.0	14.2	2.0	17.6	18.1	2.1
CONDITIONS:										
Acute Myocardial Infarction	16	25.0	35.2	*	25.0	38.3	*	25.0	41.8	*
Congestive Heart Failure	23	17.4	16.8	*	21.7	24.8	*	30.4	31.6	*
Pneumonia/Influenza	27	14.8	16.2	*	22.2	21.8	*	29.6	26.3	*
Chronic Obstructive Pulmonary Disease	10	0.0	11.3	*	0.0	18.3	*	10.0	23.5	*
Transient Cerebral Ischemia	4	0.0	2.3	*	0.0	5.1	*	0.0	7.8	*
Stroke	21	19.0	23.9	*	23.8	31.0	*	28.6	35.9	*
Hip Fracture	20	15.0	8.9	*	15.0	15.8	*	25.0	20.2	*
Sepsis	5	0.0	25.1	*	20.0	33.8	*	20.0	40.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	5.3	3.7	*	5.3	7.2	*	10.5	9.7	*
Open Reduction of Hip Fracture	1	0.0	4.2	*	0.0	7.8	*	0.0	10.4	*
Prostatectomy	9	0.0	0.8	*	0.0	1.9	*	0.0	2.9	*
Cholecystectomy	5	20.0	5.1	*	20.0	7.7	*	20.0	8.8	*
Hysterectomy	6	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

SUPERIOR MEMORIAL HOSPITAL

3500 Tower Ave
Superior, WI 54880

Medicare Provider Number: 520058

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	815	11.4	9.6	1.3	15.7	14.2	1.6	19.1	17.9	1.5
CONDITIONS:										
Acute Myocardial Infarction	51	35.3	27.9	10.4	39.2	31.9	9.4	41.2	35.5	8.4
Congestive Heart Failure	49	12.2	16.5	*	24.5	25.2	*	32.7	32.3	*
Pneumonia/Influenza	36	13.9	18.2	*	16.7	23.9	*	19.4	28.7	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.3	*	0.0	13.7	*	0.0	21.1	*
Transient Cerebral Ischemia	18	0.0	1.5	*	0.0	3.8	*	0.0	6.5	*
Stroke	31	22.6	21.5	*	29.0	27.2	*	35.5	31.3	*
Hip Fracture	26	7.7	5.9	*	11.5	10.9	*	11.5	14.4	*
Sepsis	5	0.0	20.3	*	0.0	25.5	*	0.0	30.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	5.0	*	0.0	9.3	*	0.0	12.2	*
Open Reduction of Hip Fracture	12	8.3	5.4	*	16.7	10.8	*	16.7	14.8	*
Prostatectomy	50	0.0	0.9	*	6.0	2.1	*	6.0	3.5	*
Cholecystectomy	8	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy	5	0.0	0.5	*	0.0	1.2	*	0.0	1.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	55
Occupancy Rate	49
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	59
Percent of Physicians Board Certified Specialists	92
Medical Residents/Interns	0
Registered Nurses	53
Licensed Practical Nurses	25

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

SUPERIOR MEMORIAL HOSPITAL

Medicare Provider Number: 520058

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	822	9.1	10.0	1.1	13.1	14.6	1.5	15.6	18.3	1.8
CONDITIONS:										
Acute Myocardial Infarction	37	18.9	27.7	*	24.3	30.7	*	27.0	34.1	*
Congestive Heart Failure	43	14.0	16.8	*	16.3	25.6	*	23.3	32.7	*
Pneumonia/Influenza	42	16.7	20.2	*	21.4	26.2	*	23.8	30.8	*
Chronic Obstructive Pulmonary Disease	8	0.0	9.7	*	0.0	15.8	*	12.5	21.3	*
Transient Cerebral Ischemia	19	0.0	2.1	*	0.0	5.2	*	0.0	8.8	*
Stroke	42	26.2	24.0	*	31.0	31.1	*	33.3	35.9	*
Hip Fracture	25	12.0	7.1	*	20.0	12.8	*	20.0	16.4	*
Sepsis	3	0.0	25.0	*	0.0	30.2	*	33.3	35.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	22.7	*	50.0	28.4	*	50.0	32.9	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	7.0	*	12.5	13.4	*	12.5	17.3	*
Open Reduction of Hip Fracture	15	13.3	6.3	*	26.7	12.0	*	26.7	15.7	*
Prostatectomy	43	0.0	0.9	*	2.3	2.2	*	2.3	3.6	*
Cholecystectomy	18	0.0	2.5	*	0.0	4.6	*	0.0	5.7	*
Hysterectomy	9	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	855	9.6	9.3	1.1	13.5	13.6	1.2	17.1	17.2	1.4
CONDITIONS:										
Acute Myocardial Infarction	58	20.7	26.1	7.0	27.6	30.2	6.3	29.3	34.0	7.5
Congestive Heart Failure	50	18.0	15.9	*	22.0	24.0	*	36.0	30.7	*
Pneumonia/Influenza	35	17.1	16.2	*	25.7	21.7	*	25.7	26.4	*
Chronic Obstructive Pulmonary Disease	1	0.0	6.7	*	0.0	11.2	*	0.0	14.9	*
Transient Cerebral Ischemia	26	3.8	1.8	*	11.5	3.9	*	15.4	6.2	*
Stroke	35	17.1	20.1	*	31.4	26.7	*	31.4	31.1	*
Hip Fracture	31	12.9	6.3	*	12.9	11.5	*	12.9	14.9	*
Sepsis	10	20.0	31.3	*	20.0	39.8	*	30.0	46.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	7.8	*	0.0	15.7	*	100.0	22.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	17.6	4.7	*	17.6	9.3	*	17.6	12.5	*
Open Reduction of Hip Fracture	10	0.0	6.7	*	0.0	12.8	*	0.0	16.6	*
Prostatectomy	38	0.0	1.0	*	0.0	2.5	*	2.6	4.2	*
Cholecystectomy	11	9.1	3.9	*	9.1	6.5	*	9.1	8.3	*
Hysterectomy	9	0.0	0.2	*	0.0	0.4	*	0.0	0.8	*

* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

THE RICHLAND HOSPITAL INC

431 N Park St
Richland Center, WI 53581

Medicare Provider Number: 520117

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	490	10.2	9.6	1.4	15.3	14.6	1.7	19.2	18.5	1.8
CONDITIONS:										
Acute Myocardial Infarction	17	29.4	26.7	*	29.4	30.1	*	35.3	33.8	*
Congestive Heart Failure	34	26.5	15.8	*	41.2	23.4	*	52.9	30.2	*
Pneumonia/Influenza	39	12.8	14.0	*	12.8	19.6	*	17.9	24.1	*
Chronic Obstructive Pulmonary Disease	6	16.7	5.9	*	16.7	11.2	*	16.7	16.2	*
Transient Cerebral Ischemia	8	0.0	2.7	*	12.5	6.0	*	25.0	9.6	*
Stroke	20	35.0	20.6	*	40.0	27.4	*	40.0	32.3	*
Hip Fracture	20	5.0	8.0	*	20.0	14.7	*	25.0	19.4	*
Sepsis	2	50.0	31.5	*	50.0	36.8	*	50.0	43.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	16.7	5.1	*	16.7	10.2	*	16.7	14.0	*
Open Reduction of Hip Fracture	13	0.0	8.1	*	23.1	15.5	*	23.1	20.7	*
Prostatectomy	20	0.0	1.2	*	5.0	2.7	*	5.0	4.2	*
Cholecystectomy	7	0.0	1.5	*	14.3	2.6	*	14.3	3.4	*
Hysterectomy	2	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	37
Occupancy Rate	51
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	83
Medical Residents/Interns	0
Registered Nurses	37
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

THE RICHLAND HOSPITAL INC

Medicare Provider Number: 520117

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	476	12.0	10.0	1.7	16.6	14.7	2.0	20.0	18.5	1.9
CONDITIONS:										
Acute Myocardial Infarction	12	50.0	30.7	*	58.3	35.2	*	58.3	39.5	*
Congestive Heart Failure	29	17.2	15.1	*	34.5	22.2	*	41.4	28.7	*
Pneumonia/Influenza	41	14.6	18.3	*	19.5	24.7	*	26.8	29.5	*
Chronic Obstructive Pulmonary Disease	4	0.0	9.1	*	0.0	15.8	*	25.0	21.6	*
Transient Cerebral Ischemia	10	0.0	2.5	*	10.0	6.0	*	10.0	9.9	*
Stroke	27	37.0	22.7	*	48.1	29.6	*	51.9	34.5	*
Hip Fracture	15	13.3	9.3	*	26.7	17.2	*	26.7	22.2	*
Sepsis	3	33.3	24.4	*	66.7	31.7	*	66.7	37.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	4.2	*	0.0	8.6	*	0.0	11.7	*
Open Reduction of Hip Fracture	8	25.0	10.0	*	37.5	18.7	*	37.5	24.2	*
Prostatectomy	33	3.0	0.9	*	3.0	2.2	*	3.0	3.6	*
Cholecystectomy	7	0.0	1.0	*	0.0	1.9	*	0.0	2.7	*
Hysterectomy	4	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	468	10.3	10.0	1.4	14.5	14.9	1.9	17.7	18.9	2.4
CONDITIONS:										
Acute Myocardial Infarction	23	17.4	25.7	*	17.4	29.2	*	21.7	32.9	*
Congestive Heart Failure	26	23.1	20.3	*	23.1	29.8	*	26.9	37.1	*
Pneumonia/Influenza	31	12.9	16.7	*	22.6	22.9	*	29.0	28.1	*
Chronic Obstructive Pulmonary Disease	10	10.0	9.4	*	20.0	15.2	*	20.0	20.0	*
Transient Cerebral Ischemia	5	0.0	1.4	*	0.0	2.9	*	0.0	4.6	*
Stroke	30	20.0	20.5	*	30.0	26.7	*	33.3	31.6	*
Hip Fracture	13	0.0	5.3	*	7.7	9.8	*	7.7	13.1	*
Sepsis	3	0.0	24.3	*	33.3	36.3	*	33.3	42.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.7	*	16.7	7.1	*	16.7	9.6	*
Open Reduction of Hip Fracture	4	0.0	4.7	*	0.0	9.2	*	0.0	12.3	*
Prostatectomy	19	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy	3	0.0	1.1	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy	2	0.0	0.6	*	0.0	1.0	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

THE VERNON MEMORIAL HOSPITAL INC

507 South Main Street
Viroqua, WI 54665

Medicare Provider Number: 520024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	468	11.8	11.6	1.5	16.5	16.8	1.9	19.4	21.0	2.6
CONDITIONS:										
Acute Myocardial Infarction	15	40.0	30.0	*	40.0	33.8	*	40.0	37.9	*
Congestive Heart Failure	27	25.9	17.6	*	33.3	26.3	*	44.4	33.6	*
Pneumonia/Influenza	51	17.6	16.6	5.3	21.6	22.6	6.5	25.5	27.4	6.8
Chronic Obstructive Pulmonary Disease	9	0.0	13.0	*	0.0	19.5	*	0.0	25.2	*
Transient Cerebral Ischemia	2	0.0	3.3	*	0.0	7.7	*	0.0	12.6	*
Stroke	28	21.4	20.5	*	35.7	26.5	*	42.9	31.0	*
Hip Fracture	4	0.0	7.1	*	0.0	12.5	*	0.0	16.2	*
Sepsis	9	11.1	27.0	*	11.1	33.5	*	11.1	39.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	15.2	*	0.0	26.5	*	0.0	33.4	*
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	0.7	*	0.0	1.5	*	0.0	2.3	*
Cholecystectomy	7	0.0	1.7	*	0.0	2.9	*	0.0	3.7	*
Hysterectomy	1	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	33
Occupancy Rate	61
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	82
Medical Residents/Interns	0
Registered Nurses	22
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

THE VERNON MEMORIAL HOSPITAL INC

Medicare Provider Number: 520024

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	457	10.7	8.7	2.1	14.4	12.9	2.1	17.1	16.3	2.2
CONDITIONS:										
Acute Myocardial Infarction	12	41.7	30.2	*	50.0	33.6	*	50.0	37.2	*
Congestive Heart Failure	17	17.6	15.8	*	17.6	24.0	*	29.4	30.8	*
Pneumonia/Influenza	45	17.8	16.9	*	22.2	22.5	*	24.4	27.0	*
Chronic Obstructive Pulmonary Disease	5	0.0	7.5	*	0.0	14.6	*	0.0	21.0	*
Transient Cerebral Ischemia	2	0.0	2.0	*	0.0	4.6	*	50.0	7.5	*
Stroke	26	34.6	23.3	*	46.2	31.3	*	50.0	36.4	*
Hip Fracture	4	0.0	6.4	*	0.0	11.2	*	0.0	14.4	*
Sepsis	4	25.0	23.2	*	25.0	29.0	*	25.0	35.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	6.5	*	0.0	10.7	*	0.0	13.2	*
Prostatectomy	7	0.0	0.5	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy	9	0.0	1.3	*	0.0	2.0	*	0.0	2.5	*
Hysterectomy	1	0.0	0.0	*	0.0	0.0	*	0.0	0.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	405	9.1	8.7	1.5	13.6	13.0	1.9	14.8	16.5	2.4
CONDITIONS:										
Acute Myocardial Infarction	18	55.6	25.8	*	55.6	29.9	*	55.6	33.7	*
Congestive Heart Failure	11	0.0	16.9	*	0.0	24.9	*	9.1	31.2	*
Pneumonia/Influenza	29	10.3	16.4	*	20.7	22.9	*	24.1	28.2	*
Chronic Obstructive Pulmonary Disease	5	0.0	11.4	*	20.0	17.9	*	20.0	22.7	*
Transient Cerebral Ischemia	8	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke	23	17.4	18.5	*	26.1	24.7	*	26.1	29.4	*
Hip Fracture	4	0.0	5.2	*	25.0	9.9	*	25.0	13.4	*
Sepsis	4	25.0	18.7	*	25.0	24.7	*	25.0	29.5	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	2.7	*	0.0	5.6	*	0.0	7.9	*
Open Reduction of Hip Fracture	1	0.0	5.6	*	0.0	9.3	*	0.0	11.7	*
Prostatectomy	6	0.0	0.6	*	0.0	1.3	*	0.0	2.1	*
Cholecystectomy	9	0.0	3.9	*	0.0	7.5	*	0.0	9.9	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

THEDA CLARK MEMORIAL HOSPITAL

130 2nd St
Neenah, WI 54956

Medicare Provider Number: 520045

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,297	5.9	6.6	0.7	9.8	10.3	0.9	12.2	13.4	1.1
CONDITIONS:										
Acute Myocardial Infarction	75	20.0	23.0	5.2	22.7	26.2	5.7	22.7	29.4	7.1
Congestive Heart Failure	99	10.1	14.8	7.0	15.2	23.6	8.6	25.3	30.8	8.0
Pneumonia/Influenza	60	13.3	16.1	7.2	18.3	21.9	8.2	20.0	26.5	10.9
Chronic Obstructive Pulmonary Disease	13	7.7	6.7	*	30.8	11.1	*	30.8	15.2	*
Transient Cerebral Ischemia	32	0.0	2.1	*	0.0	4.7	*	6.3	7.6	*
Stroke	69	21.7	21.5	5.2	29.0	27.7	6.5	29.0	32.2	6.1
Hip Fracture	36	5.6	6.1	*	11.1	10.8	*	11.1	14.0	*
Sepsis	19	26.3	24.4	*	31.6	31.3	*	31.6	37.7	*
PROCEDURES:										
Angioplasty	37	8.1	3.7	*	8.1	4.9	*	8.1	6.1	*
Coronary Artery Bypass Graft	70	5.7	4.7	3.0	7.1	6.9	3.1	7.1	8.3	3.6
Initial Pacemaker Insertion	15	0.0	1.4	*	0.0	3.0	*	6.7	4.7	*
Carotid Endarterectomy	8	0.0	1.6	*	12.5	3.0	*	12.5	4.4	*
Hip Replacement/Reconstruction	121	0.8	1.0	1.0	2.5	1.9	1.4	2.5	2.5	1.6
Open Reduction of Hip Fracture	15	0.0	6.5	*	6.7	11.8	*	6.7	15.1	*
Prostatectomy	103	0.0	1.1	1.5	1.9	2.4	1.6	2.9	3.9	2.4
Cholecystectomy	34	5.9	2.9	*	5.9	5.7	*	5.9	7.8	*
Hysterectomy	24	4.2	0.7	*	4.2	1.6	*	4.2	2.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	308
Occupancy Rate	68
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	137
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	395
Licensed Practical Nurses	54

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

THEDA CLARK MEMORIAL HOSPITAL

Medicare Provider Number: 520045

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,201	7.2	7.1	1.0	11.4	11.0	0.9	14.4	14.2	0.9
CONDITIONS:										
Acute Myocardial Infarction	65	26.2	25.4	6.9	32.3	28.9	6.4	32.3	32.4	5.9
Congestive Heart Failure	100	10.0	15.2	4.9	19.0	23.9	6.5	26.0	31.0	5.6
Pneumonia/Influenza	48	16.7	13.1	*	22.9	18.2	*	25.0	22.2	*
Chronic Obstructive Pulmonary Disease	20	0.0	6.0	*	5.0	10.8	*	10.0	15.3	*
Transient Cerebral Ischemia	24	0.0	1.8	*	0.0	4.1	*	0.0	6.6	*
Stroke	73	28.8	24.5	5.8	31.5	31.2	5.5	34.2	36.0	5.9
Hip Fracture	38	7.9	6.4	*	21.1	11.5	*	23.7	14.9	*
Sepsis	16	31.3	22.5	*	37.5	28.8	*	37.5	34.8	*
PROCEDURES:										
Angioplasty	28	0.0	3.5	*	3.6	4.3	*	3.6	5.3	*
Coronary Artery Bypass Graft	40	2.5	5.3	*	7.5	7.5	*	7.5	8.8	*
Initial Pacemaker Insertion	24	0.0	2.9	*	0.0	5.6	*	4.2	8.3	*
Carotid Endarterectomy	10	0.0	1.4	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	112	0.9	1.7	1.7	3.6	3.3	1.7	5.4	4.5	2.3
Open Reduction of Hip Fracture	19	5.3	5.2	*	26.3	9.7	*	31.6	12.6	*
Prostatectomy	92	2.2	1.1	1.3	3.3	2.5	2.5	8.7	4.0	3.7
Cholecystectomy	40	0.0	4.3	*	0.0	7.9	*	2.5	10.2	*
Hysterectomy	16	0.0	1.0	*	0.0	1.4	*	0.0	1.8	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,122	7.7	7.2	0.9	11.7	11.2	1.0	14.5	14.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	73	19.2	26.2	7.7	23.3	30.0	7.8	26.0	33.8	8.8
Congestive Heart Failure	86	16.3	15.3	4.4	24.4	23.8	4.6	27.9	31.0	6.4
Pneumonia/Influenza	54	16.7	15.6	8.3	25.9	21.2	7.2	27.8	26.0	6.1
Chronic Obstructive Pulmonary Disease	18	11.1	8.7	*	22.2	14.8	*	27.8	19.9	*
Transient Cerebral Ischemia	34	0.0	1.9	*	2.9	4.1	*	5.9	6.5	*
Stroke	60	20.0	20.9	5.3	28.3	27.6	6.1	30.0	32.3	6.4
Hip Fracture	36	2.8	4.9	*	8.3	9.0	*	11.1	11.9	*
Sepsis	10	30.0	22.6	*	30.0	28.6	*	30.0	34.1	*
PROCEDURES:										
Angioplasty	23	0.0	7.5	*	0.0	8.8	*	4.3	10.3	*
Coronary Artery Bypass Graft	51	0.0	6.1	6.9	3.9	8.9	6.1	3.9	10.5	7.3
Initial Pacemaker Insertion	23	0.0	2.7	*	4.3	5.3	*	4.3	7.8	*
Carotid Endarterectomy	8	0.0	1.3	*	0.0	2.3	*	0.0	3.2	*
Hip Replacement/Reconstruction	79	1.3	1.0	1.2	1.3	2.0	1.7	2.5	2.7	1.9
Open Reduction of Hip Fracture	5	0.0	5.0	*	0.0	9.3	*	0.0	12.3	*
Prostatectomy	105	0.0	1.0	*	0.0	2.4	*	1.0	4.0	*
Cholecystectomy	34	2.9	2.7	*	2.9	4.7	*	2.9	6.1	*
Hysterectomy	18	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TOMAH MEMORIAL HOSPITAL

321 Butts Avenue
Tomah, WI 54660

Medicare Provider Number: 520144

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	340	8.2	10.3	2.1	12.4	15.5	2.6	15.3	19.8	3.3
CONDITIONS:										
Acute Myocardial Infarction	9	22.2	29.5	*	33.3	33.3	*	44.4	37.0	*
Congestive Heart Failure	18	16.7	16.3	*	27.8	25.3	*	27.8	32.4	*
Pneumonia/Influenza	23	13.0	16.5	*	17.4	21.8	*	17.4	26.2	*
Chronic Obstructive Pulmonary Disease	10	0.0	3.9	*	0.0	7.4	*	10.0	10.6	*
Transient Cerebral Ischemia	7	0.0	2.2	*	0.0	5.0	*	0.0	8.2	*
Stroke	25	12.0	20.9	*	20.0	27.1	*	20.0	31.7	*
Hip Fracture	0									
Sepsis	4	0.0	24.1	*	25.0	29.2	*	25.0	34.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.2	*	0.0	3.1	*	0.0	5.7	*
Cholecystectomy	4	0.0	2.8	*	0.0	5.0	*	0.0	6.1	*
Hysterectomy	2	50.0	2.7	*	50.0	5.2	*	50.0	7.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	45
Occupancy Rate	29
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	80
Medical Residents/Interns	0
Registered Nurses	30
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TOMAH MEMORIAL HOSPITAL

Medicare Provider Number: 520144

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	356	7.3	10.6	1.9	12.1	16.2	2.4	13.8	20.6	2.8
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	28.1	*	30.0	31.6	*	30.0	35.2	*
Congestive Heart Failure	24	8.3	20.3	*	20.8	30.9	*	20.8	38.7	*
Pneumonia/Influenza	14	7.1	20.9	*	21.4	28.1	*	21.4	33.2	*
Chronic Obstructive Pulmonary Disease	9	0.0	8.5	*	0.0	14.0	*	0.0	18.9	*
Transient Cerebral Ischemia	5	0.0	1.7	*	0.0	3.7	*	0.0	5.6	*
Stroke	16	25.0	25.6	*	31.3	33.0	*	37.5	38.3	*
Hip Fracture	1	0.0	4.5	*	0.0	8.6	*	0.0	11.4	*
Sepsis	4	25.0	33.2	*	25.0	47.4	*	25.0	54.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*
Cholecystectomy	8	0.0	2.0	*	0.0	3.4	*	0.0	4.3	*
Hysterectomy	3	0.0	2.8	*	0.0	5.5	*	0.0	8.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	320	7.8	11.0	2.3	11.9	16.2	3.2	14.1	20.4	3.5
CONDITIONS:										
Acute Myocardial Infarction	13	15.4	33.1	*	23.1	36.4	*	23.1	39.8	*
Congestive Heart Failure	26	7.7	20.7	*	11.5	31.1	*	23.1	39.0	*
Pneumonia/Influenza	16	18.8	19.0	*	25.0	25.2	*	25.0	30.4	*
Chronic Obstructive Pulmonary Disease	6	0.0	12.3	*	0.0	19.2	*	0.0	24.5	*
Transient Cerebral Ischemia	5	0.0	2.3	*	0.0	5.2	*	0.0	8.5	*
Stroke	11	9.1	21.6	*	18.2	27.9	*	18.2	33.0	*
Hip Fracture	1	0.0	4.5	*	0.0	8.8	*	0.0	12.1	*
Sepsis	4	25.0	31.6	*	25.0	37.5	*	25.0	43.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	9	0.0	2.6	*	0.0	5.0	*	0.0	6.8	*
Hysterectomy	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TRI-COUNTY MEMORIAL HOSPITAL

1801 Lincoln St
Whitehall, WI 54773

Medicare Provider Number: 520122

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	191	13.6	14.0	2.6	18.8	19.9	3.1	20.4	24.7	4.2
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	52.4	*	50.0	60.1	*	50.0	65.7	*
Congestive Heart Failure	10	60.0	17.0	*	80.0	26.9	*	80.0	34.7	*
Pneumonia/Influenza	29	10.3	16.6	*	17.2	22.4	*	20.7	26.9	*
Chronic Obstructive Pulmonary Disease	4	25.0	14.1	*	25.0	24.6	*	50.0	33.2	*
Transient Cerebral Ischemia	1	0.0	2.4	*	0.0	5.0	*	0.0	7.9	*
Stroke	8	25.0	25.9	*	25.0	32.9	*	25.0	38.0	*
Hip Fracture	2	0.0	7.3	*	0.0	14.0	*	0.0	18.9	*
Sepsis	12	0.0	24.5	*	8.3	32.5	*	8.3	38.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	6.4	*	0.0	12.8	*	0.0	17.6	*
Prostatectomy	1	0.0	0.4	*	0.0	0.8	*	0.0	1.5	*
Cholecystectomy	1	0.0	1.7	*	0.0	3.1	*	0.0	4.3	*
Hysterectomy	0									

* **The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	99
Occupancy Rate	78
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	23
Percent of Physicians Board Certified Specialists	100
Medical Residents/Interns	0
Registered Nurses	12
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

** **Not used in calculating hospital mortality rates.**

TRI-COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 520122

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	178	7.9	10.5	2.6	10.7	15.2	3.4	12.9	19.2	4.2
CONDITIONS:										
Acute Myocardial Infarction	6	66.7	40.1	*	66.7	45.3	*	66.7	51.2	*
Congestive Heart Failure	9	0.0	17.3	*	0.0	26.8	*	11.1	34.5	*
Pneumonia/Influenza	19	0.0	18.2	*	10.5	24.4	*	15.8	29.1	*
Chronic Obstructive Pulmonary Disease	4	25.0	12.1	*	25.0	20.3	*	25.0	26.9	*
Transient Cerebral Ischemia	1	0.0	2.2	*	0.0	6.0	*	0.0	10.7	*
Stroke	11	36.4	20.9	*	36.4	27.2	*	36.4	32.0	*
Hip Fracture	2	0.0	5.6	*	0.0	10.7	*	0.0	14.2	*
Sepsis	7	0.0	15.5	*	0.0	20.5	*	0.0	25.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	4.8	*	0.0	9.7	*	0.0	13.1	*
Prostatectomy	0									
Cholecystectomy	1	0.0	0.9	*	0.0	1.8	*	0.0	2.7	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	168	7.1	12.6	3.5	11.9	18.2	3.8	16.7	22.8	4.0
CONDITIONS:										
Acute Myocardial Infarction	8	25.0	34.7	*	37.5	38.7	*	37.5	42.7	*
Congestive Heart Failure	14	7.1	18.4	*	14.3	27.9	*	28.6	35.4	*
Pneumonia/Influenza	23	13.0	17.7	*	17.4	23.9	*	21.7	28.8	*
Chronic Obstructive Pulmonary Disease	3	0.0	8.4	*	0.0	14.4	*	0.0	19.4	*
Transient Cerebral Ischemia	3	0.0	1.9	*	0.0	4.3	*	0.0	6.7	*
Stroke	4	0.0	21.6	*	50.0	28.0	*	50.0	33.1	*
Hip Fracture	2	0.0	8.2	*	0.0	15.8	*	0.0	21.2	*
Sepsis	9	11.1	19.5	*	11.1	25.5	*	22.2	30.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	2	0.0	7.0	*	0.0	14.3	*	0.0	19.7	*
Prostatectomy	0									
Cholecystectomy	2	0.0	5.2	*	0.0	9.4	*	0.0	11.8	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TRINITY MEMORIAL HOSPITAL

5900 South Lake Drive
Cudahy, WI 53110

Medicare Provider Number: 520056

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,751	8.3	10.1	1.0	13.0	14.9	1.2	16.3	18.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	49	32.7	28.9	*	34.7	31.9	*	36.7	35.1	*
Congestive Heart Failure	114	9.6	14.2	5.0	16.7	21.8	6.9	21.1	28.0	7.2
Pneumonia/Influenza	90	10.0	19.3	8.0	22.2	26.3	6.9	26.7	31.7	6.4
Chronic Obstructive Pulmonary Disease	26	3.8	9.3	*	7.7	14.9	*	15.4	19.6	*
Transient Cerebral Ischemia	50	2.0	2.4	*	8.0	5.2	*	8.0	8.3	*
Stroke	78	16.7	19.0	4.7	24.4	25.8	5.6	26.9	30.1	6.1
Hip Fracture	34	14.7	8.1	*	17.6	14.3	*	20.6	18.2	*
Sepsis	26	15.4	30.5	*	23.1	38.7	*	26.9	44.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	5.9	2.7	*	5.9	5.4	*	5.9	8.1	*
Carotid Endarterectomy	9	0.0	1.6	*	0.0	3.0	*	0.0	4.3	*
Hip Replacement/Reconstruction	30	13.3	5.4	*	13.3	9.9	*	13.3	13.0	*
Open Reduction of Hip Fracture	13	7.7	6.5	*	15.4	11.9	*	23.1	15.2	*
Prostatectomy	29	0.0	1.1	*	0.0	2.7	*	0.0	4.5	*
Cholecystectomy	42	2.4	2.5	*	4.8	4.1	*	7.1	5.3	*
Hysterectomy	10	0.0	5.5	*	10.0	8.9	*	10.0	10.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	189
Occupancy Rate	50
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	92
Percent of Physicians Board Certified Specialists	70
Medical Residents/Interns	0
Registered Nurses	134
Licensed Practical Nurses	28

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TRINITY MEMORIAL HOSPITAL

Medicare Provider Number: 520056

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,726	10.0	10.2	1.5	14.4	15.1	1.5	17.9	19.0	1.6
CONDITIONS:										
Acute Myocardial Infarction	57	36.8	31.6	7.7	43.9	35.2	9.1	49.1	38.8	10.3
Congestive Heart Failure	119	16.0	16.0	3.4	20.2	23.9	4.2	22.7	30.4	5.5
Pneumonia/Influenza	91	16.5	20.5	5.5	26.4	27.3	4.7	31.9	32.5	4.9
Chronic Obstructive Pulmonary Disease	31	3.2	7.5	*	6.5	14.4	*	12.9	20.4	*
Transient Cerebral Ischemia	58	1.7	2.4	*	1.7	5.2	*	5.2	8.1	*
Stroke	79	27.8	22.7	8.6	31.6	29.5	8.5	38.0	34.0	8.9
Hip Fracture	31	3.2	9.1	*	12.9	15.6	*	19.4	19.4	*
Sepsis	31	29.0	33.6	*	32.3	41.2	*	38.7	47.0	*
PROCEDURES:										
Angioplasty	1	0.0	1.4	*	0.0	2.8	*	0.0	3.9	*
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	22	13.6	6.8	*	18.2	10.6	*	22.7	13.7	*
Carotid Endarterectomy	7	0.0	1.9	*	0.0	3.5	*	0.0	5.1	*
Hip Replacement/Reconstruction	20	0.0	5.2	*	0.0	9.7	*	5.0	12.6	*
Open Reduction of Hip Fracture	11	0.0	9.6	*	18.2	16.7	*	27.3	20.7	*
Prostatectomy	53	0.0	1.0	1.6	1.9	2.4	2.2	1.9	4.1	3.3
Cholecystectomy	34	0.0	2.1	*	0.0	3.5	*	0.0	4.5	*
Hysterectomy	13	7.7	1.2	*	7.7	2.2	*	7.7	3.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	1,624	8.3	9.7	1.1	13.1	14.8	1.2	16.9	18.9	1.3
CONDITIONS:										
Acute Myocardial Infarction	36	27.8	26.2	*	33.3	29.3	*	36.1	32.6	*
Congestive Heart Failure	150	13.3	17.0	4.6	27.3	25.4	3.9	32.0	32.5	3.9
Pneumonia/Influenza	87	17.2	20.6	5.8	23.0	27.0	7.3	25.3	32.1	8.8
Chronic Obstructive Pulmonary Disease	12	16.7	6.4	*	16.7	10.8	*	25.0	14.7	*
Transient Cerebral Ischemia	56	1.8	2.9	3.0	1.8	6.1	5.2	3.6	9.4	7.4
Stroke	59	16.9	20.9	6.6	27.1	27.7	7.7	32.2	32.1	6.3
Hip Fracture	28	7.1	10.8	*	10.7	17.8	*	17.9	21.9	*
Sepsis	10	10.0	26.1	*	30.0	34.8	*	40.0	40.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	27	0.0	4.3	*	7.4	8.4	*	11.1	11.8	*
Carotid Endarterectomy	8	12.5	1.3	*	12.5	2.4	*	12.5	3.4	*
Hip Replacement/Reconstruction	19	0.0	3.8	*	5.3	6.7	*	5.3	8.6	*
Open Reduction of Hip Fracture	13	0.0	7.3	*	0.0	12.8	*	0.0	16.1	*
Prostatectomy	31	0.0	1.6	*	3.2	4.0	*	3.2	6.7	*
Cholecystectomy	43	0.0	3.1	*	0.0	5.1	*	7.0	6.6	*
Hysterectomy	9	11.1	1.1	*	11.1	2.2	*	22.2	3.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

TWO RIVERS COMMUNITY HOSPITAL

2500 Garfield Street
Two Rivers, WI 54241

Medicare Provider Number: 520034

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	380	11.3	9.4	2.4	16.8	14.4	2.7	19.7	18.3	2.6
CONDITIONS:										
Acute Myocardial Infarction	13	46.2	23.3	*	46.2	26.8	*	53.8	30.5	*
Congestive Heart Failure	25	12.0	15.1	*	28.0	23.6	*	32.0	30.6	*
Pneumonia/Influenza	15	26.7	16.7	*	33.3	22.3	*	33.3	27.1	*
Chronic Obstructive Pulmonary Disease	2	0.0	4.1	*	0.0	8.3	*	0.0	12.5	*
Transient Cerebral Ischemia	7	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke	22	27.3	19.5	*	31.8	26.0	*	31.8	30.6	*
Hip Fracture	12	8.3	7.5	*	8.3	13.6	*	16.7	17.5	*
Sepsis	5	40.0	24.7	*	40.0	30.3	*	40.0	36.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	3.3	*	0.0	7.9	*	0.0	12.8	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	20.0	6.1	*	20.0	11.2	*	20.0	14.6	*
Open Reduction of Hip Fracture	7	0.0	7.3	*	0.0	13.9	*	14.3	18.3	*
Prostatectomy	7	0.0	1.7	*	0.0	4.5	*	0.0	8.3	*
Cholecystectomy	20	0.0	1.8	*	0.0	3.2	*	0.0	4.3	*
Hysterectomy	5	0.0	0.5	*	0.0	1.1	*	0.0	1.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	148
Occupancy Rate	74
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	48
Percent of Physicians Board Certified Specialists	88
Medical Residents/Interns	0
Registered Nurses	39
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

TWO RIVERS COMMUNITY HOSPITAL

Medicare Provider Number: 520034

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	374	10.4	10.1	2.1	14.4	14.9	2.7	16.8	18.9	3.7
CONDITIONS:										
Acute Myocardial Infarction	19	36.8	27.8	*	47.4	31.0	*	47.4	34.4	*
Congestive Heart Failure	32	9.4	14.2	*	18.8	21.9	*	21.9	28.3	*
Pneumonia/Influenza	12	8.3	15.2	*	25.0	20.8	*	25.0	25.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.0	*	0.0	11.4	*	0.0	15.6	*
Transient Cerebral Ischemia	9	11.1	3.9	*	22.2	9.1	*	22.2	14.4	*
Stroke	21	9.5	25.6	*	9.5	32.8	*	19.0	37.8	*
Hip Fracture	4	0.0	6.9	*	0.0	13.2	*	0.0	18.1	*
Sepsis	4	0.0	28.0	*	0.0	36.8	*	25.0	43.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	20.0	5.4	*	20.0	9.0	*	20.0	12.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	3.5	*	0.0	8.6	*	0.0	13.6	*
Open Reduction of Hip Fracture	2	0.0	5.5	*	0.0	10.0	*	0.0	12.9	*
Prostatectomy	11	0.0	0.7	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy	11	0.0	2.2	*	0.0	4.2	*	0.0	5.5	*
Hysterectomy	5	0.0	0.8	*	0.0	2.1	*	0.0	3.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	336	9.5	10.9	2.1	15.8	16.0	2.2	19.0	20.2	2.5
CONDITIONS:										
Acute Myocardial Infarction	11	9.1	39.9	*	36.4	45.2	*	36.4	49.9	*
Congestive Heart Failure	27	29.6	15.3	*	40.7	23.7	*	44.4	30.7	*
Pneumonia/Influenza	10	10.0	9.9	*	20.0	14.2	*	20.0	17.9	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.1	*	0.0	11.9	*	0.0	15.9	*
Transient Cerebral Ischemia	9	0.0	2.8	*	0.0	6.6	*	0.0	10.8	*
Stroke	20	15.0	23.9	*	20.0	30.6	*	35.0	35.3	*
Hip Fracture	10	0.0	7.1	*	10.0	12.8	*	10.0	16.5	*
Sepsis	9	33.3	26.5	*	33.3	33.7	*	33.3	39.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	7.2	*	0.0	13.8	*	0.0	20.1	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	5.2	*	0.0	9.6	*	0.0	12.4	*
Open Reduction of Hip Fracture	6	0.0	6.9	*	16.7	13.1	*	16.7	17.2	*
Prostatectomy	8	0.0	0.9	*	0.0	2.2	*	0.0	4.0	*
Cholecystectomy	15	0.0	3.3	*	0.0	5.8	*	0.0	7.4	*
Hysterectomy	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

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Two Rivers Community Hospital and Hamilton Memorial Home
2500 GARFIELD STREET
TWO RIVERS, WISCONSIN 54241
PHONE (414) 793-1178

January 10, 1991 Provider Number 520034

Health Care Finance Administration
Health Standard and Quality Bureau
Sandrea Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to comment on our hospital-specific mortality data which is about to be released by the Health Care Finance Administration (HCFA)

The information provided from the American Hospital Association Annual survey of hospitals indicates that we are a 148 bed acute care hospital. The "hospital" characteristic statement is misleading, since it has combined the statistics of the nursing home facility and the 73 acute hospital beds.

We have analyzed the statistical difference between the observed mortality rate and the predicted rate. All data points fell within one standard deviation. Even though our experience is within predicted levels, we do not condone the use of mortality rates as a measure of a hospital's performance for the following reasons:

1. The data does not reflect the severity of illness within measurable terms.

2. Post discharge deaths may or may not have been due to the primary discharge diagnosis, yet all deaths were considered attributable to the reason for hospitalization.

3. Neither the cause nor the preventability of these post discharge deaths were know or accounted for in reporting these data.

4. The death could be a consequence of informed risk taking or a decision not to prolong life.

We do conclude that mortality data can help us evaluate and improve the quality of care we provide in conjunction with our ongoing quality improvement program.

Sincerely,

Joy Vangalis

Joy Vangalis
Director of Medical Information

JVG/jla

UNIVERSITY OF WISC HOSPITAL AND CLINICS

600 Highland Ave
Madison, WI 53792

Medicare Provider Number: 520098

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,454	6.2	8.2	0.6	9.9	13.2	0.8	13.6	17.1	0.8
CONDITIONS:										
Acute Myocardial Infarction	42	19.0	24.5	*	23.8	27.8	*	23.8	31.3	*
Congestive Heart Failure	51	15.7	15.3	5.0	21.6	23.9	6.5	29.4	30.7	7.8
Pneumonia/Influenza	23	0.0	19.0	*	0.0	27.1	*	8.7	32.7	*
Chronic Obstructive Pulmonary Disease	17	0.0	9.1	*	5.9	14.8	*	5.9	19.7	*
Transient Cerebral Ischemia	18	0.0	1.7	*	0.0	3.5	*	0.0	5.5	*
Stroke	53	24.5	24.8	7.1	28.3	31.4	7.3	28.3	36.1	9.2
Hip Fracture	25	0.0	7.4	*	12.0	13.2	*	12.0	17.1	*
Sepsis	9	33.3	17.9	*	33.3	26.2	*	33.3	33.4	*
PROCEDURES:										
Angioplasty	20	0.0	4.2	*	0.0	5.2	*	0.0	6.4	*
Coronary Artery Bypass Graft	68	7.4	7.6	3.6	11.8	11.4	3.9	14.7	13.8	4.3
Initial Pacemaker Insertion	10	0.0	4.5	*	0.0	8.7	*	20.0	12.8	*
Carotid Endarterectomy	18	5.6	1.9	*	11.1	3.5	*	11.1	5.2	*
Hip Replacement/Reconstruction	39	0.0	1.8	*	2.6	3.8	*	2.6	5.5	*
Open Reduction of Hip Fracture	13	0.0	6.4	*	15.4	12.3	*	15.4	16.4	*
Prostatectomy	47	0.0	1.0	*	0.0	2.4	*	2.1	4.2	*
Cholecystectomy	29	3.4	3.2	*	3.4	6.3	*	10.3	9.0	*
Hysterectomy	10	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	488
Occupancy Rate	72
Ownership/Control	State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians	435
Percent of Physicians Board Certified Specialists	84
Medical Residents/Interns	318
Registered Nurses	731
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

UNIVERSITY OF WISC HOSPITAL AND CLINICS

Medicare Provider Number: 520098

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,452	6.1	8.7	0.6	10.1	14.0	0.8	14.3	18.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	38	23.7	24.7	*	26.3	28.2	*	28.9	31.7	*
Congestive Heart Failure	33	15.2	15.4	*	24.2	24.2	*	27.3	31.4	*
Pneumonia/Influenza	39	15.4	17.1	*	17.9	23.9	*	23.1	29.0	*
Chronic Obstructive Pulmonary Disease	18	0.0	8.8	*	0.0	14.6	*	11.1	19.6	*
Transient Cerebral Ischemia	15	6.7	2.0	*	6.7	4.2	*	13.3	6.6	*
Stroke	30	36.7	30.3	*	46.7	36.0	*	50.0	40.7	*
Hip Fracture	18	0.0	7.7	*	11.1	13.7	*	11.1	17.8	*
Sepsis	4	50.0	34.5	*	50.0	49.0	*	50.0	56.9	*
PROCEDURES:										
Angioplasty	21	4.8	4.8	*	4.8	5.8	*	4.8	6.9	*
Coronary Artery Bypass Graft	51	7.8	7.4	5.3	7.8	10.7	6.3	7.8	12.9	7.0
Initial Pacemaker Insertion	7	0.0	4.1	*	0.0	6.9	*	0.0	9.7	*
Carotid Endarterectomy	19	0.0	2.1	*	0.0	4.2	*	0.0	6.1	*
Hip Replacement/Reconstruction	43	2.3	3.5	*	9.3	6.8	*	11.6	9.5	*
Open Reduction of Hip Fracture	5	0.0	4.8	*	0.0	8.8	*	0.0	11.6	*
Prostatectomy	60	0.0	1.3	2.2	1.7	3.2	3.9	6.7	5.3	4.6
Cholecystectomy	16	0.0	3.7	*	0.0	6.1	*	0.0	7.7	*
Hysterectomy	21	0.0	1.4	*	0.0	3.0	*	0.0	4.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,253	6.1	8.7	0.6	10.4	14.1	0.8	14.8	18.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	34	26.5	29.6	*	32.4	33.4	*	32.4	37.0	*
Congestive Heart Failure	30	20.0	15.0	*	33.3	23.1	*	43.3	29.9	*
Pneumonia/Influenza	30	16.7	13.1	*	16.7	18.0	*	20.0	22.1	*
Chronic Obstructive Pulmonary Disease	11	0.0	8.7	*	9.1	14.6	*	9.1	19.2	*
Transient Cerebral Ischemia	11	0.0	1.5	*	0.0	3.1	*	18.2	4.7	*
Stroke	27	14.8	23.5	*	18.5	29.0	*	25.9	33.3	*
Hip Fracture	13	7.7	8.4	*	15.4	15.2	*	15.4	19.8	*
Sepsis	8	50.0	29.8	*	50.0	41.7	*	50.0	48.9	*
PROCEDURES:										
Angioplasty	26	11.5	5.2	*	11.5	6.4	*	11.5	7.8	*
Coronary Artery Bypass Graft	65	4.6	9.3	4.6	6.2	13.6	5.6	7.7	15.8	5.9
Initial Pacemaker Insertion	15	0.0	2.7	*	0.0	5.7	*	0.0	8.6	*
Carotid Endarterectomy	13	0.0	2.1	*	0.0	3.9	*	0.0	5.5	*
Hip Replacement/Reconstruction	37	0.0	3.2	*	2.7	6.0	*	5.4	8.1	*
Open Reduction of Hip Fracture	7	14.3	6.8	*	28.6	12.5	*	28.6	16.2	*
Prostatectomy	50	0.0	2.3	*	2.0	5.4	*	4.0	8.7	*
Cholecystectomy	18	5.6	6.1	*	5.6	11.4	*	11.1	15.3	*
Hysterectomy	23	0.0	2.0	*	0.0	4.1	*	0.0	6.1	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

VALLEY VIEW MEDICAL CENTER

901 Reed Street
Plymouth, WI 53073

Medicare Provider Number: 520132

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	327	11.0	10.3	1.8	15.6	15.5	2.3	19.3	19.5	2.2
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	23.8	*	33.3	27.4	*	41.7	31.0	*
Congestive Heart Failure	17	29.4	16.3	*	29.4	25.5	*	35.3	32.9	*
Pneumonia/Influenza	27	14.8	17.4	*	18.5	24.3	*	22.2	29.1	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.4	*	0.0	13.0	*	0.0	17.8	*
Transient Cerebral Ischemia	7	14.3	1.9	*	14.3	4.3	*	14.3	6.9	*
Stroke	17	23.5	20.4	*	23.5	27.9	*	23.5	32.6	*
Hip Fracture	11	18.2	9.6	*	27.3	16.4	*	36.4	20.6	*
Sepsis	2	0.0	24.4	*	0.0	30.4	*	0.0	36.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.2	*	0.0	8.2	*	0.0	11.3	*
Open Reduction of Hip Fracture	6	33.3	10.7	*	33.3	18.9	*	50.0	23.9	*
Prostatectomy	11	0.0	0.8	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy	8	12.5	3.2	*	12.5	5.4	*	12.5	6.7	*
Hysterectomy	3	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	95
Occupancy Rate	76
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	55
Medical Residents/Interns	0
Registered Nurses	24
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

VALLEY VIEW MEDICAL CENTER

Medicare Provider Number: 520132

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	294	8.5	10.3	2.0	12.9	15.3	2.2	18.0	19.2	2.3
CONDITIONS:										
Acute Myocardial Infarction	10	50.0	36.7	*	60.0	41.8	*	70.0	46.5	*
Congestive Heart Failure	22	18.2	16.9	*	18.2	25.4	*	27.3	32.2	*
Pneumonia/Influenza	19	26.3	19.1	*	31.6	26.4	*	31.6	31.9	*
Chronic Obstructive Pulmonary Disease	3	0.0	7.2	*	0.0	12.9	*	0.0	17.1	*
Transient Cerebral Ischemia	6	0.0	2.3	*	0.0	4.8	*	0.0	7.6	*
Stroke	10	10.0	25.3	*	30.0	31.7	*	30.0	36.2	*
Hip Fracture	10	10.0	9.0	*	10.0	15.4	*	10.0	19.2	*
Sepsis	3	0.0	23.3	*	0.0	28.6	*	0.0	34.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	2	50.0	21.2	*	50.0	35.9	*	50.0	43.3	*
Open Reduction of Hip Fracture	5	0.0	5.2	*	0.0	9.8	*	0.0	13.0	*
Prostatectomy	17	0.0	0.8	*	0.0	1.9	*	5.9	3.1	*
Cholecystectomy	12	0.0	2.4	*	8.3	4.7	*	8.3	6.5	*
Hysterectomy	1	0.0	1.2	*	0.0	2.4	*	0.0	3.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	291	7.6	9.3	2.4	10.7	14.0	3.3	13.7	17.7	3.7
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	20.2	*	20.0	24.6	*	20.0	28.7	*
Congestive Heart Failure	17	11.8	17.7	*	11.8	27.3	*	17.6	35.0	*
Pneumonia/Influenza	9	0.0	13.2	*	33.3	18.7	*	33.3	23.3	*
Chronic Obstructive Pulmonary Disease	4	0.0	4.0	*	0.0	7.3	*	0.0	10.3	*
Transient Cerebral Ischemia	3	0.0	2.6	*	0.0	5.3	*	0.0	8.0	*
Stroke	18	27.8	21.9	*	27.8	28.1	*	38.9	32.6	*
Hip Fracture	9	0.0	7.6	*	0.0	13.6	*	11.1	17.7	*
Sepsis	3	0.0	27.3	*	0.0	31.7	*	0.0	36.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	4.3	*	0.0	7.9	*	25.0	10.6	*
Open Reduction of Hip Fracture	5	0.0	8.6	*	0.0	16.4	*	0.0	21.6	*
Prostatectomy	23	0.0	1.0	*	0.0	2.5	*	0.0	4.4	*
Cholecystectomy	9	11.1	2.4	*	11.1	4.0	*	22.2	5.3	*
Hysterectomy	2	0.0	2.6	*	0.0	6.3	*	0.0	10.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

VICTORY MEMORIAL HOSPITAL

230 E 4th Avenue
Stanley, WI 54768

Medicare Provider Number: 520007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	209	9.1	11.0	3.1	12.4	16.3	3.9	15.8	20.4	4.4
CONDITIONS:										
Acute Myocardial Infarction	4	25.0	29.0	*	25.0	31.8	*	25.0	35.1	*
Congestive Heart Failure	15	13.3	16.6	*	20.0	24.7	*	26.7	32.0	*
Pneumonia/Influenza	15	13.3	13.4	*	13.3	18.6	*	20.0	22.9	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.1	*	0.0	12.4	*	0.0	17.3	*
Transient Cerebral Ischemia	4	0.0	2.0	*	0.0	4.8	*	0.0	7.7	*
Stroke	6	16.7	18.9	*	16.7	24.4	*	16.7	28.8	*
Hip Fracture	0									
Sepsis	4	0.0	37.6	*	0.0	44.6	*	25.0	50.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	1.0	*	0.0	2.4	*	0.0	4.3	*
Cholecystectomy	5	0.0	1.2	*	0.0	1.9	*	0.0	2.4	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	127
Occupancy Rate	67
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	78
Medical Residents/Interns	0
Registered Nurses	23
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

VICTORY MEMORIAL HOSPITAL

Medicare Provider Number: 520007

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	230	12.2	11.6	2.4	16.5	16.5	2.5	20.0	20.5	2.7
CONDITIONS:										
Acute Myocardial Infarction	16	31.3	32.8	*	31.3	36.3	*	37.5	40.1	*
Congestive Heart Failure	15	26.7	17.2	*	33.3	25.5	*	40.0	32.6	*
Pneumonia/Influenza	12	8.3	15.6	*	16.7	21.2	*	25.0	25.4	*
Chronic Obstructive Pulmonary Disease	3	0.0	12.1	*	0.0	21.8	*	0.0	29.7	*
Transient Cerebral Ischemia	2	0.0	1.3	*	0.0	2.8	*	0.0	4.4	*
Stroke	11	27.3	21.0	*	27.3	26.7	*	27.3	31.2	*
Hip Fracture	1	0.0	5.4	*	0.0	10.6	*	0.0	14.3	*
Sepsis	5	40.0	30.3	*	40.0	37.4	*	40.0	43.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	2.0	*	0.0	5.5	*	0.0	9.7	*
Cholecystectomy	7	0.0	1.8	*	0.0	3.3	*	0.0	4.3	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	209	10.5	10.7	2.2	16.3	15.8	2.5	18.2	19.9	3.1
CONDITIONS:										
Acute Myocardial Infarction	15	13.3	23.5	*	20.0	27.3	*	20.0	31.1	*
Congestive Heart Failure	8	12.5	13.3	*	12.5	20.1	*	12.5	26.3	*
Pneumonia/Influenza	11	18.2	17.2	*	27.3	23.0	*	27.3	27.6	*
Chronic Obstructive Pulmonary Disease	4	0.0	7.7	*	0.0	12.7	*	0.0	16.9	*
Transient Cerebral Ischemia	2	0.0	2.4	*	0.0	5.0	*	0.0	8.0	*
Stroke	9	0.0	18.6	*	11.1	24.3	*	33.3	28.7	*
Hip Fracture	1	0.0	7.3	*	0.0	14.3	*	0.0	19.5	*
Sepsis	3	0.0	29.2	*	33.3	34.8	*	33.3	40.1	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	2	0.0	1.1	*	0.0	2.8	*	0.0	4.9	*
Cholecystectomy	2	0.0	1.1	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy	1	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WATERTOWN MEMORIAL HOSPITAL

125 Hospital Drive
Watertown, WI 53094

Medicare Provider Number: 520116

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	740	8.4	9.3	1.7	13.4	14.2	1.8	16.8	18.0	2.2
CONDITIONS:										
Acute Myocardial Infarction	19	42.1	29.7	*	42.1	33.2	*	42.1	36.8	*
Congestive Heart Failure	61	14.8	18.6	6.8	26.2	27.6	7.6	32.8	34.9	7.3
Pneumonia/Influenza	31	19.4	17.8	*	38.7	23.9	*	41.9	28.7	*
Chronic Obstructive Pulmonary Disease	14	0.0	9.5	*	7.1	16.1	*	7.1	21.7	*
Transient Cerebral Ischemia	12	0.0	2.4	*	8.3	5.4	*	16.7	8.6	*
Stroke	25	8.0	20.7	*	12.0	27.7	*	20.0	32.4	*
Hip Fracture	31	6.5	6.5	*	9.7	11.8	*	16.1	15.5	*
Sepsis	3	66.7	26.7	*	66.7	33.7	*	66.7	39.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	1	0.0	0.9	*	0.0	1.6	*	0.0	2.3	*
Hip Replacement/Reconstruction	15	6.7	4.1	*	6.7	7.9	*	6.7	10.7	*
Open Reduction of Hip Fracture	17	0.0	6.1	*	5.9	11.5	*	17.6	15.2	*
Prostatectomy	30	3.3	1.3	*	3.3	3.3	*	3.3	5.7	*
Cholecystectomy	29	0.0	3.4	*	0.0	6.3	*	0.0	8.2	*
Hysterectomy	10	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	103
Occupancy Rate	36
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	35
Percent of Physicians Board Certified Specialists	86
Medical Residents/Interns	0
Registered Nurses	51
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WATERTOWN MEMORIAL HOSPITAL

Medicare Provider Number: 520116

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	766	9.4	9.8	1.2	13.7	14.8	1.8	16.6	18.8	2.4
CONDITIONS:										
Acute Myocardial Infarction	27	22.2	34.3	*	29.6	37.4	*	33.3	40.9	*
Congestive Heart Failure	53	18.9	18.8	5.8	32.1	27.6	11.3	32.1	34.8	10.4
Pneumonia/Influenza	22	22.7	24.1	*	27.3	31.0	*	31.8	35.9	*
Chronic Obstructive Pulmonary Disease	14	7.1	9.3	*	14.3	16.8	*	21.4	23.2	*
Transient Cerebral Ischemia	11	0.0	2.2	*	0.0	5.0	*	0.0	8.1	*
Stroke	25	16.0	20.5	*	24.0	26.5	*	24.0	31.0	*
Hip Fracture	39	5.1	6.4	*	7.7	11.6	*	10.3	14.9	*
Sepsis	5	20.0	19.8	*	20.0	24.8	*	20.0	29.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	7.1	*	50.0	11.9	*	50.0	15.6	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	20	5.0	3.9	*	5.0	7.2	*	5.0	9.4	*
Open Reduction of Hip Fracture	23	4.3	6.1	*	8.7	11.7	*	13.0	15.4	*
Prostatectomy	22	4.5	1.8	*	4.5	3.9	*	4.5	6.5	*
Cholecystectomy	14	21.4	3.6	*	28.6	6.4	*	28.6	8.2	*
Hysterectomy	6	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	720	9.9	9.7	1.7	13.6	14.7	1.8	15.8	18.6	2.3
CONDITIONS:										
Acute Myocardial Infarction	25	24.0	28.8	*	32.0	32.7	*	32.0	36.4	*
Congestive Heart Failure	48	10.4	19.7	*	16.7	28.7	*	22.9	35.9	*
Pneumonia/Influenza	20	20.0	18.9	*	25.0	25.7	*	35.0	31.2	*
Chronic Obstructive Pulmonary Disease	13	15.4	13.0	*	38.5	21.3	*	46.2	27.2	*
Transient Cerebral Ischemia	13	0.0	2.2	*	7.7	4.9	*	7.7	7.7	*
Stroke	19	42.1	23.9	*	42.1	31.1	*	52.6	36.3	*
Hip Fracture	22	0.0	7.4	*	0.0	13.8	*	4.5	18.3	*
Sepsis	5	0.0	15.8	*	20.0	23.7	*	20.0	28.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	25.0	6.6	*	25.0	10.1	*	25.0	12.6	*
Carotid Endarterectomy	2	0.0	1.7	*	0.0	3.1	*	0.0	4.5	*
Hip Replacement/Reconstruction	15	0.0	3.8	*	0.0	7.7	*	6.7	10.5	*
Open Reduction of Hip Fracture	12	0.0	7.5	*	0.0	14.6	*	8.3	19.4	*
Prostatectomy	30	0.0	1.5	*	0.0	3.8	*	3.3	6.8	*
Cholecystectomy	16	6.3	1.4	*	6.3	2.3	*	6.3	3.0	*
Hysterectomy	3	0.0	0.5	*	0.0	1.1	*	0.0	1.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WAUKESHA MEMORIAL HOSPITAL INC

725 American Ave
Waukesha, WI 53186

Medicare Provider Number: 520008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD	90 DAYS OBS	90 DAYS PRED	90 DAYS SD	180 DAYS OBS	180 DAYS PRED	180 DAYS SD
ALL CAUSES	2,254	8.6	9.0	0.7	13.1	13.7	0.9	16.9	17.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	58	43.1	36.1	7.1	44.8	40.3	8.2	51.7	44.5	7.4
Congestive Heart Failure	130	16.2	14.9	3.2	26.2	23.7	4.6	33.1	31.0	4.4
Pneumonia/Influenza	126	12.7	16.7	4.1	15.1	23.0	5.1	21.4	28.1	5.1
Chronic Obstructive Pulmonary Disease	31	9.7	7.9	*	16.1	14.3	*	19.4	19.9	*
Transient Cerebral Ischemia	53	0.0	1.5	2.1	3.8	3.3	2.9	3.8	5.3	3.8
Stroke	85	12.9	21.3	7.2	21.2	27.4	9.1	23.5	32.1	7.9
Hip Fracture	61	4.9	6.7	4.4	9.8	12.3	4.6	18.0	16.1	6.5
Sepsis	30	16.7	26.4	*	26.7	34.7	*	33.3	41.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	25	4.0	4.0	*	8.0	8.2	*	20.0	11.8	*
Carotid Endarterectomy	5	0.0	1.4	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction	36	0.0	3.2	*	0.0	6.0	*	2.8	8.2	*
Open Reduction of Hip Fracture	29	6.9	6.6	*	17.2	12.4	*	24.1	16.3	*
Prostatectomy	59	0.0	0.6	1.3	1.7	1.6	1.6	1.7	2.8	2.4
Cholecystectomy	47	2.1	2.2	*	2.1	3.9	*	2.1	5.0	*
Hysterectomy	11	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	304
Occupancy Rate	65
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	196
Percent of Physicians Board Certified Specialists	71
Medical Residents/Interns	0
Registered Nurses	285
Licensed Practical Nurses	33

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WAUKESHA MEMORIAL HOSPITAL INC

Medicare Provider Number: 520008

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,261	8.8	9.4	0.8	14.4	14.3	1.0	17.8	18.2	0.9
CONDITIONS:										
Acute Myocardial Infarction	47	40.4	34.9	*	44.7	37.9	*	46.8	41.7	*
Congestive Heart Failure	119	10.1	14.9	4.6	23.5	23.1	4.4	31.9	29.8	4.4
Pneumonia/Influenza	110	19.1	19.4	5.2	33.6	26.6	6.8	37.3	32.0	6.3
Chronic Obstructive Pulmonary Disease	49	10.2	7.9	*	14.3	13.0	*	18.4	17.7	*
Transient Cerebral Ischemia	49	4.1	1.9	*	10.2	4.3	*	10.2	6.8	*
Stroke	111	12.6	21.0	9.3	20.7	27.5	10.1	26.1	32.3	7.5
Hip Fracture	53	5.7	6.0	3.3	5.7	11.3	5.6	9.4	15.0	6.4
Sepsis	28	17.9	25.0	*	28.6	32.4	*	35.7	38.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	24	12.5	4.9	*	16.7	8.6	*	16.7	12.3	*
Carotid Endarterectomy	6	0.0	1.1	*	0.0	2.0	*	0.0	3.0	*
Hip Replacement/Reconstruction	36	8.3	3.1	*	11.1	6.2	*	13.9	8.3	*
Open Reduction of Hip Fracture	18	0.0	4.5	*	0.0	8.7	*	0.0	11.7	*
Prostatectomy	62	0.0	0.8	1.3	0.0	2.0	2.5	1.6	3.5	2.9
Cholecystectomy	42	0.0	3.3	*	4.8	5.9	*	7.1	7.6	*
Hysterectomy	17	0.0	1.2	*	0.0	2.6	*	0.0	4.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,127	9.8	9.2	0.7	14.7	14.0	0.9	18.8	17.8	1.1
CONDITIONS:										
Acute Myocardial Infarction	56	44.6	32.6	10.6	48.2	36.4	10.3	50.0	40.2	9.5
Congestive Heart Failure	110	15.5	16.5	3.6	27.3	25.3	5.0	39.1	32.4	5.9
Pneumonia/Influenza	102	20.6	17.3	5.2	25.5	23.7	4.6	29.4	28.8	4.5
Chronic Obstructive Pulmonary Disease	32	9.4	6.6	*	9.4	11.5	*	15.6	15.8	*
Transient Cerebral Ischemia	47	2.1	1.7	*	6.4	3.5	*	10.6	5.5	*
Stroke	86	18.6	23.1	7.8	24.4	29.9	7.7	31.4	34.8	6.1
Hip Fracture	58	6.9	6.3	4.3	10.3	11.9	4.4	12.1	15.9	5.3
Sepsis	19	26.3	27.0	*	42.1	35.4	*	47.4	41.7	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	22	18.2	6.8	*	18.2	12.4	*	18.2	16.9	*
Carotid Endarterectomy	2	0.0	2.2	*	0.0	4.8	*	0.0	7.0	*
Hip Replacement/Reconstruction	33	3.0	4.4	*	6.1	8.6	*	9.1	11.7	*
Open Reduction of Hip Fracture	26	0.0	4.6	*	3.8	9.1	*	3.8	12.4	*
Prostatectomy	57	0.0	1.0	1.6	1.8	2.2	2.0	3.5	3.6	2.5
Cholecystectomy	51	3.9	2.6	2.6	5.9	4.0	3.2	5.9	4.9	3.6
Hysterectomy	10	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WAUPUN MEMORIAL HOSPITAL

620 W Brown St
Waupun, WI 53963

Medicare Provider Number: 520025

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	444	9.0	8.3	1.5	14.2	12.6	2.1	16.4	16.3	1.8
CONDITIONS:										
Acute Myocardial Infarction	6	33.3	26.0	*	50.0	28.4	*	50.0	31.3	*
Congestive Heart Failure	20	30.0	14.4	*	35.0	22.8	*	35.0	29.9	*
Pneumonia/Influenza	37	18.9	17.1	*	24.3	22.9	*	27.0	27.6	*
Chronic Obstructive Pulmonary Disease	3	0.0	3.5	*	0.0	6.9	*	0.0	10.1	*
Transient Cerebral Ischemia	8	0.0	2.1	*	0.0	4.7	*	0.0	7.6	*
Stroke	19	5.3	19.1	*	15.8	26.5	*	21.1	31.1	*
Hip Fracture	13	7.7	11.0	*	7.7	18.8	*	15.4	23.4	*
Sepsis	4	25.0	26.5	*	25.0	32.8	*	25.0	37.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	7.4	*	0.0	13.7	*	25.0	18.1	*
Open Reduction of Hip Fracture	5	20.0	14.8	*	20.0	26.2	*	20.0	32.7	*
Prostatectomy	18	0.0	1.2	*	0.0	3.0	*	5.6	5.2	*
Cholecystectomy	11	0.0	2.1	*	0.0	3.5	*	0.0	4.7	*
Hysterectomy	4	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	55
Occupancy Rate	44
Ownership/Control	Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians	12
Percent of Physicians Board Certified Specialists	50
Medical Residents/Interns	0
Registered Nurses	52
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WAUPUN MEMORIAL HOSPITAL

Medicare Provider Number: 520025

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	470	8.9	9.0	1.3	13.6	13.6	1.6	17.0	17.4	1.8
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	28.5	*	54.5	31.1	*	54.5	34.1	*
Congestive Heart Failure	25	4.0	14.8	*	8.0	22.3	*	28.0	29.0	*
Pneumonia/Influenza	30	16.7	18.8	*	23.3	24.8	*	23.3	29.6	*
Chronic Obstructive Pulmonary Disease	9	11.1	6.6	*	22.2	11.9	*	44.4	17.1	*
Transient Cerebral Ischemia	20	0.0	2.3	*	5.0	4.8	*	10.0	7.6	*
Stroke	22	31.8	25.6	*	31.8	32.8	*	31.8	37.6	*
Hip Fracture	17	0.0	7.6	*	11.8	13.3	*	11.8	16.7	*
Sepsis	2	0.0	41.4	*	50.0	57.2	*	50.0	69.4	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	33.3	15.0	*	33.3	18.3	*	33.3	21.5	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	6.6	*	12.5	13.3	*	12.5	18.2	*
Open Reduction of Hip Fracture	6	0.0	7.2	*	16.7	13.3	*	16.7	17.1	*
Prostatectomy	26	0.0	1.3	*	7.7	3.3	*	7.7	5.4	*
Cholecystectomy	8	0.0	1.5	*	0.0	3.3	*	12.5	4.9	*
Hysterectomy	9	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	430	9.5	10.6	2.1	13.7	15.9	3.2	17.7	20.1	3.6
CONDITIONS:										
Acute Myocardial Infarction	15	33.3	25.7	*	46.7	29.3	*	46.7	32.8	*
Congestive Heart Failure	40	15.0	15.3	*	17.5	22.9	*	25.0	29.7	*
Pneumonia/Influenza	24	16.7	19.9	*	25.0	26.8	*	29.2	32.5	*
Chronic Obstructive Pulmonary Disease	9	0.0	6.4	*	0.0	10.5	*	0.0	14.2	*
Transient Cerebral Ischemia	9	0.0	2.2	*	0.0	4.6	*	22.2	7.2	*
Stroke	15	6.7	20.4	*	13.3	27.7	*	33.3	32.4	*
Hip Fracture	10	0.0	7.9	*	0.0	13.4	*	10.0	16.8	*
Sepsis	11	18.2	28.7	*	18.2	37.5	*	18.2	44.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	1	0.0	2.7	*	0.0	5.0	*	0.0	7.0	*
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	3.8	*	0.0	7.3	*	0.0	9.8	*
Open Reduction of Hip Fracture	5	0.0	8.8	*	0.0	15.5	*	20.0	19.4	*
Prostatectomy	23	0.0	1.6	*	4.3	3.6	*	4.3	5.8	*
Cholecystectomy	11	9.1	2.6	*	9.1	4.2	*	9.1	5.3	*
Hysterectomy	3	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WAUSAU HOSPITALS CENTER

333 Pine Ridge Blvd
Wausau, WI 54401

Medicare Provider Number: 520030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,652	8.9	7.8	0.7	12.9	11.8	0.7	16.0	15.0	0.8
CONDITIONS:										
Acute Myocardial Infarction	105	23.8	24.7	4.5	26.7	27.8	4.5	32.4	31.1	4.7
Congestive Heart Failure	128	17.2	14.0	3.9	30.5	21.9	6.3	37.5	28.8	6.9
Pneumonia/Influenza	100	15.0	13.7	5.8	23.0	18.8	7.7	26.0	23.3	7.9
Chronic Obstructive Pulmonary Disease	15	6.7	7.0	*	6.7	11.9	*	20.0	16.0	*
Transient Cerebral Ischemia	23	8.7	1.7	*	8.7	3.8	*	8.7	6.0	*
Stroke	105	24.8	19.4	5.7	30.5	25.5	5.1	33.3	29.9	5.3
Hip Fracture	85	11.8	5.9	5.0	16.5	11.1	5.1	18.8	14.6	5.0
Sepsis	25	16.0	28.9	*	20.0	38.4	*	32.0	45.8	*
PROCEDURES:										
Angioplasty	50	8.0	4.8	*	8.0	6.1	*	14.0	7.6	*
Coronary Artery Bypass Graft	80	7.5	6.1	3.5	10.0	8.1	4.0	12.5	9.4	5.3
Initial Pacemaker Insertion	25	0.0	2.4	*	0.0	4.5	*	0.0	6.5	*
Carotid Endarterectomy	13	0.0	1.5	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction	84	1.2	2.0	1.8	3.6	3.9	2.4	4.8	5.2	2.5
Open Reduction of Hip Fracture	42	16.7	5.7	*	19.0	11.2	*	21.4	15.2	*
Prostatectomy	91	1.1	1.1	1.4	1.1	2.5	2.1	1.1	4.1	3.2
Cholecystectomy	66	6.1	3.7	3.2	7.6	6.3	3.3	10.6	8.2	4.5
Hysterectomy	24	4.2	1.5	*	8.3	2.0	*	8.3	2.5	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	253
Occupancy Rate	68
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	153
Percent of Physicians Board Certified Specialists	81
Medical Residents/Interns	0
Registered Nurses	311
Licensed Practical Nurses	11

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Rehabilitation Unit	Yes
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WAUSAU HOSPITALS CENTER

Medicare Provider Number: 520030

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,508	8.6	7.7	0.6	13.0	11.8	0.9	15.6	15.1	0.8
CONDITIONS:										
Acute Myocardial Infarction	91	19.8	25.4	9.8	23.1	28.6	10.0	26.4	32.0	10.2
Congestive Heart Failure	117	8.5	13.7	5.9	18.8	21.3	5.8	23.9	27.7	6.4
Pneumonia/Influenza	76	15.8	15.4	5.2	19.7	21.3	4.7	27.6	25.9	5.3
Chronic Obstructive Pulmonary Disease	11	18.2	7.8	*	27.3	15.4	*	27.3	21.9	*
Transient Cerebral Ischemia	26	0.0	1.7	*	0.0	3.7	*	3.8	5.8	*
Stroke	110	27.3	21.7	6.4	33.6	28.5	5.4	36.4	33.0	4.9
Hip Fracture	60	18.3	6.6	5.6	25.0	12.1	6.6	28.3	15.7	7.0
Sepsis	14	35.7	26.5	*	42.9	34.7	*	50.0	40.8	*
PROCEDURES:										
Angioplasty	38	5.3	5.3	*	5.3	6.3	*	5.3	7.4	*
Coronary Artery Bypass Graft	67	11.9	7.2	5.6	13.4	9.4	5.7	13.4	10.7	5.8
Initial Pacemaker Insertion	11	0.0	6.6	*	0.0	8.6	*	0.0	10.7	*
Carotid Endarterectomy	11	0.0	1.8	*	0.0	3.6	*	0.0	5.3	*
Hip Replacement/Reconstruction	88	3.4	2.4	2.2	8.0	4.7	3.7	9.1	6.3	4.5
Open Reduction of Hip Fracture	26	26.9	6.3	*	30.8	12.0	*	38.5	15.8	*
Prostatectomy	78	2.6	0.9	2.0	5.1	2.2	3.3	6.4	3.5	3.9
Cholecystectomy	65	0.0	2.5	*	1.5	4.2	*	1.5	5.5	*
Hysterectomy	24	0.0	0.3	*	0.0	0.7	*	4.2	1.0	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,368	9.9	7.8	0.6	14.1	11.9	0.7	17.7	15.3	0.8
CONDITIONS:										
Acute Myocardial Infarction	87	19.5	29.3	6.9	21.8	32.8	7.6	24.1	36.4	8.4
Congestive Heart Failure	113	16.8	15.1	3.9	28.3	23.1	6.1	32.7	29.9	5.8
Pneumonia/Influenza	66	12.1	16.1	5.6	13.6	22.3	7.9	18.2	27.2	8.9
Chronic Obstructive Pulmonary Disease	19	10.5	11.6	*	15.8	18.5	*	15.8	23.2	*
Transient Cerebral Ischemia	31	3.2	1.9	*	6.5	4.3	*	6.5	7.0	*
Stroke	88	22.7	18.6	8.0	28.4	25.1	9.1	34.1	29.3	9.6
Hip Fracture	71	7.0	5.7	5.4	12.7	10.6	5.8	16.9	13.9	7.1
Sepsis	18	27.8	23.5	*	38.9	30.7	*	44.4	36.9	*
PROCEDURES:										
Angioplasty	23	0.0	4.8	*	0.0	5.6	*	0.0	6.7	*
Coronary Artery Bypass Graft	50	16.0	6.8	*	18.0	9.0	*	18.0	10.2	*
Initial Pacemaker Insertion	14	0.0	3.3	*	0.0	5.6	*	0.0	7.5	*
Carotid Endarterectomy	8	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction	79	2.5	2.8	2.7	6.3	5.4	3.5	10.1	7.2	5.1
Open Reduction of Hip Fracture	31	9.7	4.1	*	9.7	8.1	*	9.7	10.8	*
Prostatectomy	77	1.3	0.8	1.1	2.6	2.0	1.7	3.9	3.3	2.5
Cholecystectomy	42	7.1	2.7	*	7.1	4.8	*	9.5	6.2	*
Hysterectomy	17	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WAUSAU HOSPITAL CENTER

January 11, 1991 Medicare Provider # 520030

Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

ATTENTION: Mrs. Sandra Kappert

Thank you for the opportunity to respond to the Medicare Mortality Rates for Wausau Hospital Center as presented by the Health Care Financing Administration. The methodology used for the Medicare Hospital Mortality Information has undergone some significant changes necessitating a different approach in the evaluation of this data. After internal analysis, once again we are pleased to note that mortality rates in all categories are consistent with Wausau Hospital Center's previous experience and fall within the predicted range given the patient population served. However, we do feel the mortality data released necessitates further clarification as it relates specifically to Wausau Hospital Center. The following points warrant comment:

- Wausau Hospital Center continues to develop as a regional referral source for secondary and select tertiary care. Increased utilization has occurred, in part, as a result of the expansion of existing services, as well as the creation of new services. Approximately 30% of our patients reside outside of Marathon County. As a result, the referred patients tend to increase the population of acute and complex cases treated.

- Of significance to note again, is Wausau Hospital Center's commitment to providing comprehensive cancer care services including Hospice. In offering these services, we recognize the fact that we will experience greater mortality rates than other Health Care Providers who do not provide this type of benefit.

- Wausau Hospital Center continues to experience growth and expand its provision of comprehensive cardiac services through outreach satellite clinics.

- We do wish to clarify the use of specialty service categories noted under hospital characteristics. The identification of category entitled "other intensive care" does not necessarily reflect, nor is indicative of, the type of service we provide. Wausau Hospital Center provides medical/surgical intensive care, inclusive of cardiac medical and surgical cases, requiring specialized support equipment and specially trained personnel for comprehensive observation and care. While we recognize that the intent of hospital characteristics is one of better qualifying the type of provider and its services, caution and prudence is advised to assure the prevention of misrepresentation.

- It is important to note that patients categorized under all diagnostic categories may also have presented with other underlying chronic diseases contributing to the actual mortality and may mislead the interpretation of mortality within that given diagnostic category.

While we believe consumers have a legitimate interest in obtaining useful, reliable information on the quality of care that is available to them, the release of hospital specific mortality data by the Health Care Financing Administration continues to have its limitations. Important factors include:

- The model used takes a limited approach into account in determining the severity of the patient's illness.

- For individuals with more than one admission during the year, only one admission was selected at random for analysis.

- Time frames for death occurring post-hospitalization has been extended to include 30, 90, and 180 days after admission. This may be interpreted as wrongful attribution to the hospital of deaths that may be unrelated to the condition of the patient at time of discharge.

However, we recognize the value of its intent and emphasize our belief that the citizens of our area trust that Wausau Hospital Center Board of Directors demand true quality assessment by our professional staff through our own internal quality review mechanisms on an ongoing basis.

Sincerely,

Paul A. Spaude

Paul A. Spaude
Executive Vice President
Wausau Hospital Center

sac

WEST ALLIS MEMORIAL HOSPITAL

8901 West Lincoln Avenue
West Allis, WI 53214

Medicare Provider Number: 520139

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,912	9.5	8.7	0.8	13.7	13.2	0.8	16.9	16.8	0.9
CONDITIONS:										
Acute Myocardial Infarction	87	28.7	32.3	6.3	32.2	35.8	7.5	33.3	39.4	9.3
Congestive Heart Failure	168	14.9	14.5	3.5	23.8	22.4	3.4	28.0	29.0	3.7
Pneumonia/Influenza	105	12.4	17.4	5.3	22.9	23.6	4.2	27.6	28.3	4.4
Chronic Obstructive Pulmonary Disease	46	8.7	6.1	*	15.2	10.9	*	17.4	15.2	*
Transient Cerebral Ischemia	46	6.5	1.9	*	8.7	4.2	*	13.0	6.5	*
Stroke	109	16.5	22.3	6.6	22.0	28.8	7.0	25.7	33.2	7.4
Hip Fracture	113	11.5	7.9	3.4	14.2	14.0	3.3	15.9	17.9	4.1
Sepsis	34	29.4	26.4	*	38.2	35.0	*	41.2	41.6	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	33	3.0	3.9	*	3.0	7.2	*	9.1	10.2	*
Carotid Endarterectomy	12	0.0	1.4	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction	86	3.5	3.3	2.3	7.0	6.3	2.7	7.0	8.5	3.3
Open Reduction of Hip Fracture	46	15.2	8.2	*	17.4	14.6	*	17.4	18.6	*
Prostatectomy	163	0.0	0.8	1.0	1.2	1.9	1.4	2.5	3.2	1.8
Cholecystectomy	61	3.3	3.6	2.4	3.3	6.2	4.1	8.2	8.1	3.6
Hysterectomy	53	0.0	0.4	1.7	3.8	0.9	3.0	3.8	1.3	4.1

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds	236
Occupancy Rate	70
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	182
Percent of Physicians Board Certified Specialists	92
Medical Residents/Interns	0
Registered Nurses	194
Licensed Practical Nurses	83

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WEST ALLIS MEMORIAL HOSPITAL

Medicare Provider Number: 520139

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,718	8.9	9.4	0.8	13.7	14.1	0.7	17.8	17.8	0.8
CONDITIONS:										
Acute Myocardial Infarction	104	35.6	33.0	5.4	38.5	36.1	5.3	41.3	39.7	5.1
Congestive Heart Failure	145	15.9	16.6	3.5	29.0	24.6	4.8	37.2	31.3	4.8
Pneumonia/Influenza	73	26.0	19.2	9.3	30.1	25.7	8.1	35.6	30.6	8.0
Chronic Obstructive Pulmonary Disease	40	5.0	7.5	*	10.0	13.4	*	15.0	18.4	*
Transient Cerebral Ischemia	60	1.7	2.2	2.3	8.3	4.7	3.5	15.0	7.5	5.6
Stroke	119	16.8	22.0	7.6	23.5	28.6	9.1	27.7	33.2	9.8
Hip Fracture	87	5.7	7.0	3.1	11.5	12.7	4.0	16.1	16.5	4.1
Sepsis	20	25.0	30.6	*	35.0	39.6	*	45.0	46.2	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	24	8.3	7.4	*	8.3	11.5	*	8.3	15.2	*
Carotid Endarterectomy	24	4.2	1.5	*	4.2	2.8	*	4.2	4.1	*
Hip Replacement/Reconstruction	63	3.2	3.4	4.5	9.5	6.6	4.9	9.5	8.7	5.2
Open Reduction of Hip Fracture	32	0.0	7.9	*	3.1	15.1	*	12.5	20.0	*
Prostatectomy	149	0.0	0.9	1.1	0.7	2.2	1.8	2.7	3.7	2.2
Cholecystectomy	65	1.5	3.7	3.1	4.6	6.8	4.7	4.6	8.8	4.5
Hysterectomy	30	0.0	0.9	*	0.0	1.9	*	0.0	2.9	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	2,439	10.1	9.4	0.7	14.8	14.2	0.8	18.5	17.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	89	36.0	33.2	5.1	40.4	36.3	5.5	43.8	39.7	5.5
Congestive Heart Failure	141	20.6	16.2	4.2	29.1	24.1	5.2	39.0	30.9	7.0
Pneumonia/Influenza	70	20.0	17.5	4.9	24.3	23.3	5.5	32.9	27.9	6.0
Chronic Obstructive Pulmonary Disease	34	29.4	13.3	*	32.4	21.2	*	38.2	27.0	*
Transient Cerebral Ischemia	52	0.0	2.3	3.3	7.7	5.0	4.2	11.5	7.9	6.9
Stroke	119	20.2	22.8	4.6	28.6	30.0	5.4	33.6	34.7	4.5
Hip Fracture	65	4.6	7.8	3.8	13.8	14.0	4.5	23.1	18.0	6.2
Sepsis	16	37.5	23.4	*	43.8	31.1	*	43.8	37.0	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	5.9	9.7	*	11.8	14.6	*	11.8	17.8	*
Carotid Endarterectomy	20	5.0	1.5	*	5.0	2.8	*	5.0	4.0	*
Hip Replacement/Reconstruction	61	4.9	4.4	3.0	6.6	8.3	4.7	14.8	10.8	6.7
Open Reduction of Hip Fracture	27	3.7	7.0	*	18.5	13.3	*	22.2	17.5	*
Prostatectomy	135	0.0	0.9	1.1	1.5	2.2	1.5	3.0	3.6	2.3
Cholecystectomy	59	3.4	3.9	5.4	8.5	6.7	5.2	8.5	8.5	5.6
Hysterectomy	30	3.3	1.8	*	3.3	3.8	*	6.7	5.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

WILD ROSE COMMUNITY MEMORIAL HOSPITAL

P O Box 243
Wild Rose, WI 54984

Medicare Provider Number: 520149

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD	90 DAYS OBS	PRED	SD	180 DAYS OBS	PRED	SD
ALL CAUSES	228	12.7	11.5	2.2	15.8	16.5	2.6	18.4	20.5	2.9
CONDITIONS:										
Acute Myocardial Infarction	10	30.0	30.6	*	50.0	33.7	*	50.0	37.3	*
Congestive Heart Failure	28	7.1	14.2	*	7.1	21.8	*	10.7	28.6	*
Pneumonia/Influenza	23	17.4	16.9	*	17.4	23.5	*	26.1	28.1	*
Chronic Obstructive Pulmonary Disease	5	0.0	8.6	*	0.0	15.1	*	0.0	20.7	*
Transient Cerebral Ischemia	3	0.0	1.7	*	0.0	3.6	*	0.0	5.6	*
Stroke	7	42.9	31.5	*	57.1	38.5	*	57.1	42.7	*
Hip Fracture	1	0.0	6.0	*	0.0	11.2	*	0.0	14.7	*
Sepsis	4	50.0	29.3	*	50.0	38.4	*	50.0	44.3	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	5.7	*	0.0	10.9	*	0.0	14.4	*
Open Reduction of Hip Fracture	0									
Prostatectomy	4	0.0	1.1	*	0.0	2.6	*	0.0	4.4	*
Cholecystectomy	7	14.3	4.0	*	14.3	8.1	*	28.6	11.5	*
Hysterectomy	0									

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

HOSPITAL CHARACTERISTICS **

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds	30
Occupancy Rate	23
Ownership/Control	Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians	6
Percent of Physicians Board Certified Specialists	17
Medical Residents/Interns	0
Registered Nurses	10
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Rehabilitation Unit	No
Trauma Center	No

**** Not used in calculating hospital mortality rates.**

WILD ROSE COMMUNITY MEMORIAL HOSPITAL

Medicare Provider Number: 520149

FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	253	11.5	12.9	2.5	18.2	18.2	2.8	21.3	22.2	2.7
CONDITIONS:										
Acute Myocardial Infarction	13	30.8	36.1	*	30.8	39.5	*	38.5	43.5	*
Congestive Heart Failure	16	18.8	21.2	*	25.0	30.0	*	31.3	37.2	*
Pneumonia/Influenza	12	8.3	15.1	*	8.3	20.0	*	8.3	23.9	*
Chronic Obstructive Pulmonary Disease	2	50.0	19.1	*	50.0	25.0	*	50.0	30.3	*
Transient Cerebral Ischemia	7	0.0	1.8	*	0.0	4.1	*	0.0	6.7	*
Stroke	16	31.3	30.8	*	37.5	36.8	*	37.5	41.5	*
Hip Fracture	4	0.0	3.8	*	0.0	7.1	*	0.0	9.5	*
Sepsis	3	33.3	29.1	*	33.3	36.1	*	66.7	41.9	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	3.6	*	0.0	7.2	*	0.0	9.7	*
Open Reduction of Hip Fracture	1	0.0	3.1	*	0.0	5.8	*	0.0	7.7	*
Prostatectomy	5	0.0	0.9	*	20.0	2.2	*	20.0	3.8	*
Cholecystectomy	8	0.0	2.3	*	0.0	3.5	*	0.0	4.3	*
Hysterectomy	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES	305	11.1	11.1	2.1	16.7	16.3	2.1	18.7	20.5	2.6
CONDITIONS:										
Acute Myocardial Infarction	11	45.5	36.8	*	54.5	41.2	*	54.5	45.9	*
Congestive Heart Failure	20	20.0	17.0	*	25.0	25.8	*	35.0	33.5	*
Pneumonia/Influenza	22	18.2	21.4	*	22.7	27.8	*	22.7	32.8	*
Chronic Obstructive Pulmonary Disease	5	0.0	6.6	*	0.0	12.5	*	0.0	17.8	*
Transient Cerebral Ischemia	9	0.0	2.5	*	11.1	5.5	*	11.1	8.8	*
Stroke	10	30.0	35.4	*	40.0	42.3	*	40.0	47.1	*
Hip Fracture	12	0.0	10.0	*	0.0	18.1	*	8.3	22.7	*
Sepsis	3	33.3	16.8	*	33.3	21.7	*	33.3	25.8	*
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	8.1	*	0.0	15.6	*	20.0	20.3	*
Open Reduction of Hip Fracture	4	0.0	5.1	*	0.0	9.4	*	0.0	12.2	*
Prostatectomy	13	0.0	1.0	*	7.7	2.8	*	7.7	5.0	*
Cholecystectomy	1	0.0	0.7	*	0.0	1.2	*	0.0	1.6	*
Hysterectomy	3	0.0	0.5	*	0.0	1.3	*	0.0	2.2	*

*** The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.**

Technical Appendix

TECHNICAL APPENDIX

Data Sources

The data analyzed in this report are obtained from the MEDPAR file, which contains summary information on the hospitalizations of Medicare beneficiaries. The principal sources of data for this file are the bills (known as HCFA-1450 or UB-82) submitted by the hospitals to HCFA through fiscal intermediaries. The MEDPAR file also contains data about the beneficiaries, such as age, sex and date of death, which are obtained from the Social Security Administration or the Railroad Retirement Board.

Hospitalizations with discharges in fiscal years 1987, 1988 and 1989 were used in these analyses. Hospitalizations in 1986 were used only to characterize the prior admissions of the patients in the 1987 cohort. Only acute-care hospitalizations in short-term (general and specialty) hospitals were selected. These hospitals have a “0” in the third position of their Medicare provider number. Hospitalizations in special cost centers, designated by a “9” in the fourth position of the provider number, and hospitalizations in psychiatric units, rehabilitation units, swing-beds and alcohol/drug units, with "special unit codes" of S, T, U and V, respectively, in the third position were excluded.

The Mortality Model

For each beneficiary in each year one hospitalization was selected at random. Choosing a specific hospitalization is necessary to avoid multiple counting of the same death for that year. Selecting a random hospitalization instead of the first or last in the year produces mortality rates that are more representative of the rates that a hospital might calculate for its patients. Also, the mortality rates based on this random selection process reflect an intermediate position between the rates produced by the alternatives.

The selected hospitalizations were then segregated by analytical category and analyzed separately. The analytic categories were created by grouping ICD-9-CM diagnosis codes that had similar raw mortality rates and clinical definitions. The groupings fall into five risk levels: low, average, moderately severe, very severe and catastrophic. Within these risk levels, codes are further grouped based on clinical similarities. The analytic categories and the groups of ICD-9-CM diagnosis codes that defined them are listed in Table A-1.

The mortality experience of the patients was evaluated as a function of time within 182 days of the admission. The factors included in the mortality model used to evaluate the patients' probability of death are given in Table A-2. They consist of demographic characteristics (age and sex), major comorbidities (chronic diseases likely to have been present at admission and believed to complicate management and increase the likelihood of an adverse outcome), prior admissions (grouped into five risk or severity levels) within the six months preceding the admission evaluated, admission type (emergent, elective, etc.), and admission source (referral from the physician's office, the nursing facility, etc.). The specific reason for the admission (the principal diagnosis) and the performance of selected surgical procedures were additional factors used in the estimation of the predicted probability of death (see below).

The observed mortality rate for a hospital was calculated by means of the lifetable method ("The LIFETEST Procedure", Chapter 22, SAS User's Guide: Statistics, Version 5 Edition, pages 529-557).

Analytic Techniques

A time-to-event or survival model with explanatory or concomitant variables was used to ascertain the influence of the patient characteristics listed above on the probability of death. A feature of such a model is allowance for "right censored" observations. Generally, these are events or outcomes which would have occurred but for some interference that prevents further observation. In the present analysis, "right censoring" occurs when a patient is withdrawn alive from the study at the end of the followup period of 182 days.

The survival function, S(t), is one of several equivalent ways of expressing the model. Another form uses the cumulative distribution function or the mortality function,

$$F(t) = 1 - S(t).$$

Another useful formulation of these models is the hazard function, also known as the force of mortality or risk function. The hazard is the rate of decrease in the number of survivors relative to the number of survivors at a specific time. Mathematically, the hazard function is:

$$h(t) = -\frac{1}{S(t)}\frac{dS(t)}{dt} = -\frac{d\ln(S(t))}{dt}$$

The probability density function commonly used in statistical texts can be expressed as follows:

$$f(t) = \frac{dF(t)}{dt} = h(t)S(t).$$

The area under the survival curve is the expected value for t. In some cases the area under the survival curve is restricted to an interval $0\text{-}t_1$ where t_1 might be one year, for example.

The specific time-to-event or survival model used in the present analysis is Bailey's modification of the Makeham model. The survival function for the Bailey-Makeham model is:

$$S(t) = \exp\left\{-\delta t - \left(\frac{\alpha}{\gamma}\right)(1 - \exp(-\gamma t))\right\}$$

where

$$\alpha = \exp(\alpha_0 + \alpha_1 x_1 + \ldots + \alpha_i x_i + \ldots + \alpha_k x_k)$$
$$\gamma = \exp(\gamma_0 + \gamma_1 g_1 + \ldots + \gamma_i x_i + \ldots + \gamma_k x_k)$$
$$\delta = \exp(\delta_0 + \delta_1 x_1 + \ldots + \delta_i x_i + \ldots + \delta_k x_k)$$

are the expressions for each of the structural parameters α, γ, and δ in terms of the k concomitant variables x_i and their associated component parameters α_i, γ_i, and δ_i for $i=1,2,\ldots, k$ and three intercepts or component parameters α_0, γ_0, and δ_0. The structural parameter δ is the long-term risk which is approached as $t \to \infty$. The structural parameter is the initial excess risk which decays with rate constant γ.

For the survival function given above, the risk or hazard function has an especially tractable form of an exponential decay which approaches a long-term risk, δ. The hazard function corresponding to the survival function above is

$$h(t) = \alpha \exp(-\gamma t) + \delta .$$

The estimation of the component parameters was carried out in a series of steps in which those covariates which had estimable and statistically significant ($p<0.05$) influences of the probability of death were identified for inclusion in the model. As the model for each of the 17 risk categories was estimated separately, different lists of covariates were used for the final core models.

This first step was followed by the estimation of the additional contribution of specific principal diagnoses in each risk category. In these analyses, the effects of the patient characteristics included in the core models were corrected for. Only those principal diagnoses were retained which were estimable and had more than 1,000 cases or a statistically significant effect at the $p<0.01$ level when the number of cases was less than 1,000. Similarly, after adjustment for the effects of both the variables in the core model and the principal diagnoses, correction terms were calculated to estimate the additional information about the probability of death associated with the categorization of the patients into the clinical groups used for the presentation of the data in the mortality tables (see below). These correction terms were negligible for the medical categories but substantial for the surgical categories.

Once the component parameters or regression coefficients α_i, γ_i, and δ_i have been estimated, the predicted probability of patient death at any specified time after admission, 1-S(t), may be calculated for all individuals. To obtain the predicted mortality rate up to a given time for a hospital, it is then only necessary to average over the predicted probabilities of death of its patients to that time.

The analytic categories are useful for grouping the patients into relatively risk homogeneous strata for the regressions. However, to gain insights into patterns of practice at hospitals, the data are presented for patients grouped into clinically meaningful medical and surgical categories. The 17 clinical categories used in the mortality tables were identified by the Institute of Medicine as being of particular medical and epidemiologic interest.

Estimation of the Standard Deviation for Predicted Mortality

The standard deviation of the predicted mortality rate is used to assess how meaningfully different the observed mortality rate is from the rate predicted by the national experience with like patients. The standard deviation depends, in fact, on the variance of the residual or the difference between the observed, P, and predicted, $\hat{\Theta}$, mortality rates.

The residual has four components V_1, V_2, V_3, and V_4 where V_1 is the variance of the estimate of the predicted probability of death. This computationally intensive term was negligible for nearly all cases, compared to other components of variance. Consequently, this term was not included the present analysis.

V_2 is the binomial variance for n patients.

$$V_2 = \frac{\hat{\Theta}\left(1 - \hat{\Theta}\right)}{n} .$$

V_3 is the variation among hospitals not explained by the mortality regression models containing the patient characteristics described above.

$$V_3 = \widehat{\mathrm{Var}\left(\Theta\right)} = \left(1 - \frac{1}{n}\right) \widehat{M_2\left(\Theta\right)}$$

where

$$\widehat{M_2(\Theta)} = \left\{ \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics and} \\ \text{adjustment for hospital effects} \end{array} \right) - \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics,} \\ \text{but omitting the hospital specific effects} \end{array} \right) \right\}^2 \left(\frac{1}{z_p^2} \right)$$

The quantity z_p corresponds to the statistical significance (p-value) of the hospital specific effect.

$V4$ is the variation not explained by the mortality regression models which each include, in addition, an indicator variable for the hospital:

$$V_4 = \left\{ \left(\text{Observed mortality}\right) - \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics, and} \\ \text{adjustment for the hospital specific effects} \end{array} \right) \right\}^2$$

(The regression coefficients of the indicator variable for the hospital are a measure of the influence on the probability of patient death of factors not otherwise specified in the model. These factors include severity of illness not adequately reported on by the patient characteristics deduced from the claims data and the hospital's pattern of practice; i.e., performance.)

The standard deviation given in the mortality tables is just:

$$SD = \sqrt{V_2 + V_3 + V_4}.$$

Measures of Uncertainty

In principle, to use the standard normal approximations to determine prediction intervals, an adjustment must be applied for the skewness and kurtosis inherent in a mortality rate when the rate is considerably less than 50 percent and the number of cases is small. Table A-3 presents the multiplicative factors, based on the binomial distribution, for the standard deviation needed to construct prediction intervals for the mortality rates at confidence levels ranging from 75 percent to 99 percent. Because of the approximations involved in the estimation of the skewness and kurtosis corrections, their precision decreases as the number of cases and the mortality rate decrease; i.e., as the value of the correction increases. In addition, because of simplifications and approximations in the estimation of the standard deviation, the precision of the multiplicative factors given in Table A-3 exceeds the precision of the estimate of the standard deviation. Hence, the rule-of-thumb given at the front of this Appendix represents an adequate approximation to the factors in Table A-3 and an adequate guide to the meaningfulness of the difference between the observed and the predicted mortality rates.

To illustrate the use of Table A-3, consider a hospital with 75 cases and a predicted mortality of 13.0 percent with a standard deviation of 5.0 percent. Overall, for hospitals with patients with characteristics similar to those of this hospital, we would expect the actual or observed mortality rate to lie, 95 percent of the time, either between 13.0 percent and 22.9 percent, if the actual is larger than the predicted, or between 3.3 percent and 13.0 percent, if the actual is less than the predicted. That is because 22.9 percent = 13.0 percent + 1.98 x 5.0 percent, the factor 1.98 having been read from the section of Table A-3 with the heading "95% Prediction Interval" and "Factor for Upper Bound", the row "75" for the number of cases, and by interpolation between the "10%" and the "20%" predicted mortality rate columns. Similarly, 3.3 percent = 13.0 percent - 1.94 x 5.0 percent, the factor -1.94 having been read from the section of Table A-3 with the heading "95% Prediction Interval" and "Factor for Lower Bound" and the corresponding row and columns.

On the other hand, 75 percent of the time, the observed mortality rate will lie either between 13 percent and 18.8 percent (13.0 percent + 1.15 x 5.0 percent) if the observed rate is higher than the predicted, or between 7.3 percent (13.0 percent - 1.15 x 5.0 percent) and 13.0 percent if it is lower.

Therefore, in comparing the actual and predicted rates, more attention should be given to the hospital whose observed mortality rate lies beyond the bounds calculated for the 99 percent prediction interval than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 95 percent prediction interval. In turn, more attention should be given to that hospital than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 75 percent prediction interval.

Table A-1

ANALYTICAL DIAGNOSTIC CATEGORIES

Category	ICD-9-CM Codes
1. Low risk cardiopulmonary and circulatory disorders	390, 393, 401, 402.00, 402.10, 402.90, 405, 411 (except 411.0), 413-414, 417-420, 422, 425.1, 426.1-426.7, 426.81, 427.0, 427.2-427.3, 427.6, 427.8-427.9, 429.4, 433 (except 433.0), 435, 437.2, 442 (except 442.2), 447 (except 447.2), 448, 451, 453.1, 453.8-453.9, 454-455, 456.3-456.6, 457.0-457.1, 457.9, 458.0, 460-478, 487 (except 487.0), 490-491, 493-495, 511.0, 518.2, 519.0-519.1
2. Low risk injuries and poisonings	800.0, 800.5, 801.0, 801.5, 802, 805 (except 805.0), 806 (except 806.0), 807 (except 807.0 and 807.4), 807.00-807.06, 808-819, 822-838, 839 (except 839.0), 840-848, 850, 854.0 (except 854.05), 861.2, 862, 867 (except 867.0 and 867.2), 870-874, 875.0, 876-887, 890-897, 905-932, 933.0, 935-940, 942 (except 942.3), 943-945, 947, 949-957, 958 (except 958.4), 959-963, 965.1, 965.5-965.7, 965.9, 966, 969-971, 972 (except 972.1), 973, 974 (except 974.1), 975 (except 975.7), 977-981, 984-986, 988, 992-993, 994 (except 994.1 and 994.7), 995, 996.0 (except 996.02), 996.2, 996.4-996.5, 996.7-996.9, 997.9, 998 (except 998.2)
3. Low risk gastrointestinal and endocrine disorders	240-246, 250.0, 250.5-250.6, 250.8, 250.9, 252, 254, 255 (except 255.4), 256-258, 264-272, 274, 276.3, 276.8, 279 (except 279.1), 520-527, 528.2, 528.4, 528.6-528.9, 529, 530 (except 530.4 and 530.8), 531.3, 531.7-531.9, 532.3, 532.7-532.9, 533.3, 533.7-533.9, 534.3, 534.7-534.9, 535-536, 537.1-537.2, 537.5-537.6, 537.8-537.9 (except 537.89), 540-543, 550, 552-556, 558 (except 558.2), 562-566, 568, 569.0-569.2, 569.4-569.6, 569.9, 571.8-571.9, 574 (only when 5th digit = 0), 575 (except 575.4 and 575.8), 576.0, 576.9, 577.1, 577.9, 579

Table A-1: Analytic Diagnostic Categories

4. Low risk genitourinary and reproductive disorders	582-583, 588-589, 590.1, 590.8-590.9, 592, 594-595, 596 (except 596.1 and 596.6), 597-598, 599 (except 599.0 and 599.6), 600-606, 607 (except 607.2), 608 (except 608.4), 610-618, 619 (except 619.1), 620-629, 630-648, 650-676
5. Low risk neuropsychiatric, sensory and musculoskeletal disorders	290-292, 293 (except 293.0), 294-309, 311-319, 330, 331 (except 331.0), 332-334, 337, 340, 342-343, 344 (except 344.0 and 344.1), 345 (except 345.3), 346-347, 348.0, 350-358, 360-389, 680-686, 690-698, 700-706, 707 (except 707.0), 708-709, 710 (except 710.1), 711-713, 714 (except 714.81), 715-739
6. Other low risk disorders	E-CODE, M-CODE, V01-V09, V11-V65 (except V58.0 and V58.8), V67-V82, 001-005, 007-009, 014-017, 020-026, 027 (except 027.0), 030, 032-033, 035, 037, 039, 041.0-041.2, 045, 049.8-049.9, 050-053, 055-057, 071-088, 090-111, 120-135, 137-139, 140, 143, 173-175, 180.0-180.1, 182, 188 (except 188.8 and 188.9), 190, 192 (except 192.2), 210-211, 212 (except 212.7), 213-224, 226-230, 231 (except 231.2), 232-236, 239.4-239.5, 239.9, 280 (except 280.0), 282, 740-744, 746-759, 780 (except 780.0), 781, 782.0-782.2, 782.6, 782.8-782.9, 783.1, 783.5-783.9, 784 (except 784.3 and 784.5), 785 (except 785.4 and 785.5), 786.2, 786.4-786.5, 786.7-786.9, 787 (except 787.2), 788.0-788.1, 788.3-788.4, 788.6-788.7, 789 (except 789.5), 790 (except 790.6 and 790.7), 793-796
7. Average risk disorders	V10, V58.0, V58.8, 006, 010 -013, 031, 034, 041.3-041.9, 070.1, 070.3, 070.5, 070.9, 114-115, 136 (except 136.3), 142, 144-146, 152-154, 160-161, 162.0, 165, 170, 171.0, 171.2-171.4, 171.6-171.7, 172 (except 172.8), 180.8, 181, 184-187, 188.8-188.9, 189 (except 189.0), 193-194, 196.0, 196.3, 196.5-196.6, 196.9, 197.3, 198.2, 225,

Table A-1: Analytic Diagnostic Categories

7. Average risk disorders (continued)	238, 239.0-239.3, 239.7-239.8, 250.1, 250.4, 250.7, 251, 253, 255.4, 259, 275 (except 275.4), 276.1, 276.6-276.7, 276.9, 277 (except 277.3), 278, 280.0, 281, 283, 285, 286 (except 286.6), 287-289, 293.0, 310, 322-326, 331.0, 336, 344.0-344.1, 345.3, 349, 359, 391-392, 394-396, 398 (except 398.91), 402.01, 402.11, 402.91, 403-404, 410.7, 411.0, 412, 423.8-423.9, 424, 425.5, 425.7-425.9, 426.0, 426.9, 427.1, 429.0-429.3, 437 (except 437.2), 438, 440, 441.4, 441.9, 443, 444 (except 444.1), 446, 456.1, 456.21, 456.8, 457.2, 457.8, 459 (except 459.0 and 459.2), 480, 482.2, 483-484, 487.0, 492, 496, 506, 508 (except 508.0), 518.3, 518.8, 519.4, 519.8-519.9, 528.0-528.1, 528.3, 528.5, 531.0, 531.4, 532.0, 532.4, 533.0, 533.4, 534.0, 534.4, 537.0, 537.3-537.4, 537.89, 557 (except 557.0), 560.1, 560.3, 560.80-560.81, 560.9, 569.3, 569.8 (except 569.83), 571.0-571.1, 571.3-571.4, 572.0-572.1, 573, 574 (only when 5th digit = 1), 575.4, 575.8, 576.1-576.5, 577.0, 577.2, 577.8, 578 (except 578.0), 580-581, 587, 590.0, 590.2- 590.3, 591, 593, 596.1, 596.6, 599.0, 599.6, 607.2, 608.4, 619.1, 714.81, 745, 782.3, 783.0, 783.2, 784.3, 784.5, 786.0-786.1, 786.3, 786.6, 787.2, 788.2, 788.5, 788.8-788.9, 790.6-790.7, 791-792, 798, 799.8-799.9, 803.0, 803.5, 805.0, 807.07-807.09, 820-821, 839.0, 860, 863, 865-866, 867.0, 867.2, 900, 903-904, 934.0-934.1, 941, 942.3, 946.0-946.2, 948.0-948.3, 964, 965.0, 965.4, 965.8, 967-968, 972.1, 974.1, 975.7, 976, 982-983, 987, 989, 996.1, 996.3, 996.6, 997 (except 997.9), 998.2, 999
8. Moderately severe cardiopulmonary and circulatory disorders	398.91, 415-416, 425.0, 425.2-425.4, 426.89, 428, 429.5-429.9, 432.1, 434, 436, 441.2, 442.2, 452, 453.0, 453.2-453.3, 458 (except 458.0), 459.0, 459.2, 481, 482.3, 482.9, 485-486, 500-505, 510.9, 511 (except 511.0), 512.8, 513-515, 517, 518.0-518.1, 518.4, 519.2-519.3
9. Moderately severe gastrointestinal and endocrine disorders	273, 276.5, 277.3, 530.4, 530.8, 551, 558.2, 560.0, 560.2, 560.89, 567, 572.3, 578.0

Table A-1: Analytic Diagnostic Categories

10. Moderately severe neoplastic diseases	141, 147-149, 158, 162.3-162.5, 179, 180.9, 183, 189.0, 191, 192.2, 198.1, 198.6-198.7, 198.82, 200-202, 207 (except 207.0), 212.7, 237, 239.6
11. Other moderately severe disorders	V66, 038.42, 040, 047-048, 049.0-049.1, 054, 060-066, 284, 335, 341, 348.3-348.4, 348.8-348.9, 585, 707.0, 710.1, 782.4-782.5, 782.7, 783.4, 785.4, 789.5, 797, 799.0, 799.2-799.4, 804, 806.0, 807.4, 851.0, 851.2, 851.4, 851.6, 851.8, 852.0, (except 852.05), 852.1 (except 852.15), 852.2 (except 852.25), 852.4-852.5, 853.0 (except 853.05), 853.1 (except 853.15), 861 (except 861.2), 864.0 (except 864.04), 864.1 (except 864.14), 933.1, 990, 996.02
12. Very severe cardiopulmonary and circulatory disorders	397, 410 (except 410.7), 421, 423.0-423.2, 433.0, 447.2, 456.0, 456.20, 482.0-482.1, 482.4, 482.8, 507, 508.0, 510.0, 512.0, 516, 518.5
13. Very severe gastrointestinal and endocrine disorders	250.2-250.3, 260-263, 275.4, 276.0, 276.2, 276.4, 279.1, 531.1-531.2, 531.5-531.6, 532.1-532.2, 532.5-532.6, 533.1-533.2, 533.5-533.6, 534.1-534.2, 534.5-534.6, 569.83, 571.2, 571.5-571.6, 572.2, 576.8
14. Very severe infectious disorders	018, 027.0, 036, 038 (except 038.42), 042-044, 046, 112, 116-118, 136.3
15. Very severe neoplastic diseases	150-151, 156-157, 159, 162.2, 162.8-162.9, 163-164, 171.5, 171.8-171.9, 195, 196.1-196.2, 196.8, 197.0-197.2, 197.4-197.6, 197.8, 198.0, 198.3-198.5, 198.81, 198.89, 203, 204 (except 204.0), 205 (except 205.0), 207.0, 208 (except 208.0), 231.2
16. Other very severe disorders	320-321, 348.2, 348.5, 584, 586, 760-779, 780.0, 783.3, 799.1, 800 (except 800.0 and 800.5), 801 (except 801.0 and 801.5), 854.05, 854.1, 868-869, 875.1, 934.8-934.9, 946.3-946.5, 958.4, 991, 994.1, 994.7

Table A-1: Analytic Diagnostic Categories

17. Catastrophic disorders	070.0, 070.2, 070.4, 070.6, 155, 172.8, 197.7, 199, 204.0, 205.0, 206, 208.0, 286.6, 348.1, 427.4-427.5, 430-431, 432 (except viral 432.1), 441.0-441.1, 441.3, 441.5, 444.1, 557.0, 570, 572.4, 572.8, 785.5, 803 (except 803.0 and 803.5), 851.1, 851.3, 851.5, 851.7, 851.9, 852.05, 852.15, 852.25, 852.3, 853.05, 853.15, 864.04, 864.14, 901-902, 948.4-948.9

Table A-2

EXPLANATORY VARIABLES FOR THE MORTALITY MODEL

Generally the same variables are used for all diagnostic categories.

DEMOGRAPHICS

$$\text{AGESP} = \text{sign}\,(\text{W-65})\left(\left|\frac{\text{W-65}}{65}\right|\right)^{1.72}$$

where

$$\text{W} = \left\{\begin{matrix} 23 \text{ if AGE} \leq 23 \\ \text{AGE if } 23 < \text{AGE} < 100 \\ 100 \text{ if } 100 \leq \text{AGE} \end{matrix}\right\}$$

SX An indicator variable: = 1 if Female and 0 otherwise.

COMORBIDITIES (Indicator variables = 1 if comorbidity present and 0 otherwise)

		ICD-9-CM Codes
CCA	Cancer	141-160.9, 162-172.9, 174-208.9)
CCV	Chronic cardiovascular disease	412-414.9, 426-429.1)
CLV	Chronic liver disease	571-572.8)
CRN	Chronic renal disease	582-583.9, 585-587)

ADMISSION SOURCES AND TYPES (Indicator variables = 1 if source or type present and 0 otherwise)

PHRF	Patient referred by personal or HMO physician.
TRSNF	Patient transferred from skilled nursing facility.
ELCT	Patient admitted for elective procedure.
EMRG	Patient admitted for emergency.

PREVIOUS HOSPITALIZATIONS

PALR	Number at low risk, with 5 or more set to 5.
PAAR	Number at average risk, with 3 or more set to 3.
PAMSR	Number at moderately severe risk, with 3 or more set to 3.
PAVSR	Number at very severe risk, with 2 or more set to 2.
PACR	Number at catastrophic risk, with 1or more set to 1.

TABLE A-3: MULTIPLICATIVE FACTORS FOR THE CALCULATION OF THE BOUNDS FOR PREDICTION INTERVALS

(n is the number of cases at your hospital and p is the predicted mortality rate.)

	99% Prediction Interval					95% Prediction Interval					75% Prediction Interval				
	Factor for Upper Bound					Factor for Upper Bound					Factor for Upper Bound				
p	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
n															
25	2.95	2.73	2.68	2.63	2.59	2.15	2.04	2.01	1.99	1.97	1.17	1.16	1.16	1.15	1.15
50	2.76	2.65	2.63	2.60	2.58	2.05	2.00	1.99	1.97	1.96	1.16	1.15	1.15	1.15	1.15
75	2.70	2.63	2.61	2.59	2.58	2.02	1.99	1.98	1.97	1.96	1.16	1.15	1.15	1.15	1.15
100	2.67	2.61	2.60	2.59	2.58	2.01	1.98	1.97	1.97	1.96	1.16	1.15	1.15	1.15	1.15
150	2.64	2.60	2.59	2.59	2.58	1.99	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
200	2.62	2.60	2.59	2.58	2.58	1.98	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
300	2.61	2.59	2.58	2.58	2.58	1.98	1.97	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
400	2.60	2.59	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
500	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
750	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
1000	2.59	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
2000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
5000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15

	Factor for Lower Bound					Factor for Lower Bound					Factor for Lower Bound				
p	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
n															
25	-2.21	-2.42	-2.48	-2.52	-2.56	-1.77	-1.88	-1.91	-1.93	-1.95	-1.13	-1.14	-1.14	-1.15	-1.15
50	-2.39	-2.50	-2.53	-2.55	-2.57	-1.87	-1.92	-1.93	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
75	-2.45	-2.52	-2.54	-2.56	-2.57	-1.90	-1.93	-1.94	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
100	-2.48	-2.54	-2.55	-2.56	-2.57	-1.91	-1.94	-1.95	-1.95	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
150	-2.51	-2.55	-2.56	-2.57	-2.57	-1.93	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
200	-2.53	-2.56	-2.56	-2.57	-2.57	-1.94	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
300	-2.54	-2.56	-2.57	-2.57	-2.57	-1.94	-1.95	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
400	-2.55	-2.57	-2.57	-2.57	-2.57	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
500	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
750	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
1000	-2.57	-2.57	-2.57	-2.57	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
2000	-2.57	-2.57	-2.57	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
5000	-2.57	-2.58	-2.58	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15

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